

STP 9-35T14-SM-TG

**Soldier's Manual and
Trainer's Guide**

MOS 35T

Avenger System Repairer

Skill Levels 1, 2, 3, and 4

MARCH 2005

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DEPARTMENT OF THE ARMY**

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SOLDIER'S MANUAL and TRAINER'S GUIDE

MOS 35T

Avenger System Repairer

Skill Levels 1, 2, 3, and 4

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PREFACE

This soldier training publication (STP) is intended for soldiers holding military occupational specialty (MOS) 35T, skill levels 1, 2, 3, and 4, their supervisors, trainers, and commanders. It contains an MOS training plan providing information needed to plan, conduct, and evaluate unit training, one of the most important jobs of military leaders. It includes standardized training objectives in the form of task summaries that can be used to train and evaluate soldiers on critical tasks supporting unit missions during wartime.

Solders holding MOS 35T should have access to this publication. Trainers and first-line supervisors should actively plan for soldier access, making it available in work areas, unit learning centers, and unit libraries. However, it is not intended for an individual copy to be provided to each MOS holder. The STP is obtainable online from the Reimer Digital Library (RDL).

Tasks in this manual apply to Active Army, Army Reserve, and Army National Guard soldiers.

The proponent of this publication is Headquarters, Training and Doctrine Command (HQ TRADOC). Submit comments and recommendations on DA Form 2028 (Recommended Changes to Publications and Blank Forms) directly to: Department of the Army, Training Directorate, Ordnance Training Division, ATTN: ATCL-AO, 401 First Street, Suite 225, Fort Lee, VA 23801-1511.

Unless this publication states otherwise, masculine nouns and pronouns do not refer exclusively to men.

CHAPTER 1

Introduction

1-1. General. This STP identifies individual MOS training requirements for soldiers holding MOS 35T. Commanders, trainers, and soldiers should use it to plan, conduct, and evaluate individual training in units. The STP is the primary MOS reference for supporting self-development, evaluating MOS proficiency, and training 35T soldiers. Commanders employ two primary methods to evaluate soldier proficiency:

- Commander's evaluation. Commander's evaluations are local tests or assessments of soldiers' performance of MOS-specific and common tasks critical to the unit mission. They may be conducted year-round.
- Common task test. CTTs are hands-on tests used to evaluate proficiency on common tasks. Alternate written tests are provided if equipment is not available for hands-on testing.

This publication is the soldier's primary reference to prepare for a commander's evaluation of MOS-specific tasks. It contains task summaries for all critical tasks specific to the MOS and skill level (SL). Commanders and trainers will use this soldier's manual and trainer's guide to plan and conduct training and commander's evaluations.

Chapter 2, Trainer's Guide, contains information needed to plan training requirements for this MOS. The trainer's guide--

- Identifies subject areas in which soldiers must be trained.
- Identifies critical tasks for each subject area.
- Specifies where soldiers are initially trained on each task.
- Recommends how often each task should be trained to sustain proficiency.
- Recommends a strategy for cross-training soldiers.
- Recommends a strategy for training soldiers to perform higher-level tasks.

Use this STP along with STP 21-1-SMCT (Soldier's Manual of Common Tasks, Skill Level 1), STP 21-24-SMCT (Soldier's Manual of Common Tasks, Skill Levels 2-4), Army Readiness and Training Evaluation Plans (ARTEPs), Field Manual (FM) 25-4 (How to Conduct Training Exercises), FM 25-5 (Training for Mobilization and War), FM 7-0 (Training the Work Force), and FM 7-1 (Battle-Focused Training) to establish effective training plans and programs that integrate soldier, leader, and collective tasks.

1-2. Task Summaries. Task summaries outline wartime performance requirements for each critical task in the STP. They provide both soldier and trainer with the information necessary to prepare, conduct, and evaluate critical task training. As a minimum, task summaries include information soldiers must know and skills they must perform to standard for each task. Following is the task summary format:

- Task number. The task number is a 10-digit number that identifies the task and skill level. Include the task number and title in any correspondence relating to the task.
- Task title. The task title identifies the action to be performed.

- **Conditions.** The task conditions statement describes the field or garrison conditions under which the task will be performed and identifies the equipment, tools, references, job aids, and supporting personnel that the soldier needs to perform the task in wartime.
- **Standards.** The task standards describe how well and to what level of proficiency the soldier must perform the task under wartime conditions. Standards are typically expressed in terms of accuracy, completeness, duration, sequence, speed, and tolerance.
- **Performance measures.** This section identifies specific actions that the soldier must accomplish to complete the task successfully. Performance measures appear in a GO/NO-GO rating format for easy evaluation. Some tasks may also include detailed training information in a Training Information Outline and an Evaluation Preparation Section. The Evaluation Preparation Section indicates necessary modifications to task performance in order to train and evaluate a task that cannot be trained to the wartime standard under wartime conditions. It may also include special training and evaluation preparation instructions to accommodate these modifications and any instructions that should be given to the soldier before evaluation.
- **References.** This section identifies references that provide more detailed explanations of task performance requirements than are given in the task summary.
- **Warnings.** Warnings alert users to the possibility of immediate personal injury or equipment damage.
- **Notes.** Notes provide additional supportive explanations or tips relating to task performance.

1-3. Soldier's Responsibilities. Each soldier is responsible for performing individual tasks identified by the first-line supervisor based on the unit's mission essential task list (METL). Soldiers must perform tasks to the standards included in the task summary. If soldiers have questions about tasks or which tasks in this manual they must perform, they are responsible for asking their first-line supervisor for clarification. First-line supervisors know how to perform each task or can direct soldiers to appropriate training materials, including current field manuals, technical manuals, and Army regulations. Soldiers are responsible for using these materials to maintain performance. They are also responsible for maintaining performance of all common tasks listed in the SMCTs at their current skill level and below.

Periodically, soldiers should ask their supervisor or another soldier to check their performance to ensure that they can perform the tasks.

1-4. NCO Self-Development and the STP. Self-development is a key component of leader development. Leaders follow planned, progressive, sequential self-development programs developed by the individual noncommissioned officer (NCO) and his or her first-line supervisor to enhance and sustain military competencies. Self-development consists of individual study, research, professional reading, practice, and self-assessment. The self-development concept requires NCOs, as Army professionals, to take responsibility for remaining current in all phases of their MOS. The STP is the NCO's primary source for maintaining MOS proficiency.

Another important resource for self-development is the Army Institute for Professional Development (AIPD), which administers many distributed learning courses and the Army Correspondence Course Program (ACCP). The AIPD web site, <http://www.atsc.army.mil/accp/aipdnew.asp> provides course listings with detailed eligibility requirements and enrollment information.

1-5. Commander's Responsibilities. Commanders must ensure that their unit training plans prepare the unit for war by enabling soldiers to develop and sustain proficiency in their MOS and skill level tasks. Commanders should design unit training programs to provide individual training for all soldiers assigned to the unit and to evaluate soldier proficiency routinely as part of the commander's evaluation program. The unit training program should also integrate individual training with crew drills and other collective

training. The MOS training plan provides information on which to base integration, cross-train, train-up, and sustainment training programs. Commanders should use the MOS training plan when developing unit training plans.

1-6. Trainer's Responsibilities. Training is the business of all unit leaders. First-line leaders are the principal trainers in the unit because they directly supervise soldiers and lead crews, squads, sections, and teams.

Trainers can use the MOS training plan to determine the critical tasks for which each soldier is responsible. They should tell each soldier which tasks he or she must be able to perform. Trainers should evaluate task performance to determine which tasks each soldier can or cannot perform to standard. Soldiers who cannot perform a task to standard need further training. Developing effective training is explained in detail in FM 7-0 and FM 7-1.

Every task summary in this STP includes performance measures that trainers may use year-round to determine if soldiers can perform critical tasks to the specified standards. The performance measures identify what the trainer needs to observe to score a soldier's performance. A blank space is provided for the trainer to check either the GO or NO-GO column for each performance measure. Some tasks require the trainer to watch the soldier perform them (evaluate the process). Other tasks call for the trainer to focus on the results of the soldier's performance (evaluate the product). Comments should not be written on the task summary.

Trainers can monitor the progress of their soldiers by recording task GO/NO-GO results. Trainers may use DA Form 5164-R (Hands-On Evaluation) to record the performance measures a soldier passed or failed. The form, which may be locally reproduced, applies to all tasks in this STP. Trainers may have DA Form 5164-R overprinted with information unique to their training requirements before reproducing it. See Appendix A for instructions on how to obtain and fill out a copy of a DA Form 5164-R.

Trainers may use DA Form 5165-R (Field Expedient Squad Book) to record hands-on GO/NO-GO results for a group of soldiers (for example, a crew, section, or squad) having the same MOS and skill level. This form supports conduct of commander's evaluations, and can be used to record training results gathered in the field during slack time for all MOSs and skill levels. Use of this form is optional. See Appendix B for instructions on how to obtain and fill out a copy of a DA Form 5165-R. Trainers should work with each soldier until tasks can be performed to specific task summary standards.

1-7. Training Support. References have been identified for each task to assist in planning and conducting training. A consolidated list of references identified by type, publication number, and title and a comprehensive glossary of acronyms, abbreviations, and definitions are included in this STP.

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CHAPTER 2
Training Guide

2-1. General. The MOS Training Plan identifies the essential components of a unit training plan for individual training. Units have different training needs and requirements based on differences in environment, location, equipment, dispersion, and similar factors. Therefore, the MOS Training Plan should be used as a guide for conducting unit training and not a rigid standard. The MOS Training Plan consists of two parts. Each part is designed to assist the commander in preparing a unit training plan which satisfies integration, cross training, training up, and sustainment training requirements for soldiers in this MOS.

Part One of the MOS Training Plan shows the relationship of an MOS skill level between duty position and critical tasks. These critical tasks are grouped by task commonality into subject areas.

Section I lists subject area numbers and titles used throughout the MOS Training Plan. These subject areas are used to define the training requirements for each duty position within an MOS.

Section II identifies the total training requirement for each duty position within an MOS and provides a recommendation for cross training and train-up/merger training.

- **Duty Position Column.** This column lists the duty positions of the MOS, by skill level, which have different training requirements.
- **Subject Area Column.** This column lists, by numerical key (see Section I), the subject areas a soldier must be proficient in to perform in that duty position.
- **Cross Train Column.** This column lists the recommended duty position for which soldiers should be cross trained.
- **Train-up/Merger Column.** This column lists the corresponding duty position for the next higher skill level or MOSC the soldier will merge into on promotion.

Part Two lists, by general subject areas, the critical tasks to be trained in an MOS and the type of training required (resident, integration, or sustainment).

- **Subject Area Column.** This column lists the subject area number and title in the same order as Section I, Part One of the MOS Training Plan.
- **Task Number Column.** This column lists the task numbers for all tasks included in the subject area.
- **Title Column.** This column lists the task title for each task in the subject area.
- **Training Location Column.** This column identifies the training location where the task is first trained to soldier training publications standards. If the task is first trained to standard in the unit, the word "Unit" will be in this column. If the task is first trained to standard in the training base, it will identify, by brevity code (ANCOC, BNCOC, and so on), the resident course where the task was taught. Figure 2-1 contains a list of training locations and their corresponding brevity codes.

AIT	Advanced Individual Training
BNCOC	Basic NCO Course
ANCOC	Advanced NCO Course
UNIT	Trained in the Unit

Figure 2-1. Training Locations

- **Sustainment Training Frequency Column.** This column indicates the recommended frequency at which the tasks should be trained to ensure soldiers maintain task proficiency. Figure 2-2 identifies the frequency codes used in this column.

BA	- Biannually
AN	- Annually
SA	- Semiannually
QT	- Quarterly
MO	- Monthly
BW	- Biweekly
WK	- Weekly

Figure 2-2. Sustainment Training Frequency Codes

- **Sustainment Training Skill Level Column.** This column lists the skill levels of the MOS for which soldiers must receive sustainment training to ensure they maintain proficiency to soldier's manual standards.

2-2. Subject Area Codes.

Skill Level 1

- 1 Avenger System Maintenance
- 2 Avenger Slew-to-Cue System Maintenance

Skill Level 3

- 3 Maintenance Operations
- 4 Maintenance Management I

Skill Level 4

- 5 Maintenance Management II

2-3. Duty Position Training Requirements

SKILL LEVEL	DUTY POSITION	SUBJECT AREA	CROSS TRAINING	TRAIN-UP MERGER
SL1	Avenger System Repairer	1-2	NA	35T20, Avenger System Repairer 35T20, Maintenance Supervisor
SL2	Maintenance Supervisor	1-2	NA	35T30, Section Chief 35T30, FAADS QA/QC TI 35T30, Missile Maintenance Management Sergeant
SL3	Section Chief	1-4	NA	35T40, FAADS QA/QC TI 35T40, Tech Maintenance Staff NCO Platoon Sergeant
SL4	Platoon Sergeant	1-5	NA	35V50, Maintenance Control Sergeant/ Operations Sergeant 35V50, First Sergeant

2-4. Critical Task List**MOS TRAINING PLAN
35T14****CRITICAL TASKS**

Task Number	Title	Training Location	Sust Tng Freq	Sust Tng SL
Skill Level 1				
Subject Area 1. Avenger System Maintenance				
093-35T-1001	Perform Preventive Maintenance Checks and Services (PMCS) on Contact Test Set (CTS)/Soldier Portable On-System Repair Tool (SPORT)	AIT	QT	1-4
093-35T-1002	Perform an Operations Check on the Contact Test Set (CTS)/Soldier Portable On-System Repair Tool (SPORT)	AIT	QT	1-4
093-35T-1011	Perform Maintenance on the Contact Test Set (CTS)/Soldier Portable On-System Repair Tool (SPORT)	AIT	QT	1-4
093-35T-1012	Operate the Interactive Display System and Interactive Electronic Technical Manuals	AIT	QT	1-4
093-35T-1100	Replace the Fire Unit	AIT	QT	1-4
093-35T-1101	Repair the Avenger Power Distribution System	AIT	QT	1-4
093-35T-1102	Repair the Communications/Identify Friend or Foe (IFF) Systems	AIT	QT	1-4
093-35T-1103	Repair the Elevation Drive System	AIT	QT	1-4
093-35T-1104	Repair the Gunners Hand Station	AIT	QT	1-4
093-35T-1105	Replace the Gyro Block Assembly	AIT	QT	1-4
093-35T-1107	Repair the Avenger MP3 Machine Gun System	AIT	QT	1-4
093-35T-1108	Repair Environmental Control Unit (ECU)/Primary Power Unit (PPU)	AIT	QT	1-4
093-35T-1109	Repair the Avenger Control Electronics (ACE)	AIT	QT	1-4
093-35T-1110	Repair the Sight Display Unit	AIT	QT	1-4
093-35T-1111	Repair the Sight Electronics Unit	AIT	QT	1-4
093-35T-1112	Repair the Automatic Video Tracker	AIT	QT	1-4
093-35T-1113	Repair the Forward Looking Infrared (FLIR) Receiver System	AIT	QT	1-4
093-35T-1114	Repair the Cryogenics Assembly	AIT	QT	1-4
093-35T-1115	Repair the Forward Looking Infrared (FLIR) Receiver Monitor System	AIT	QT	1-4
093-35T-1116	Repair the Electrical Cables	AIT	QT	1-4
093-35T-1117	Repair the Laser Range Finder System	AIT	QT	1-4
093-35T-1118	Repair the Electronics Control Assembly	AIT	QT	1-4
093-35T-1120	Replace the Equilibrator Assembly	AIT	QT	1-4
093-35T-1121	Repair the Gunners Console	AIT	QT	1-4
093-35T-1122	Repair the Remote Control Unit	AIT	QT	1-4
093-35T-1123	Repair the Traverse Drive Assembly	AIT	QT	1-4
093-35T-1124	Repair the Standard Vehicle Mounted Launcher (SVML)	AIT	QT	1-4
093-35T-1125	Operate the Gas Charging Unit (GC31E)	AIT	QT	1-4

CRITICAL TASKS

Task Number	Title	Training Location	Sust Tng Freq	Sust Tng SL
093-35T-1127	Perform Preventive Maintenance Checks and Services (PMCS) on the Avenger System	AIT	QT	1-4
093-35T-1128	Boresight the Avenger System	AIT	QT	1-4
093-35T-1129	Perform Operational Checks on the Avenger System	AIT	QT	1-4
093-35T-1130	Repair the Avenger Structure Assemblies	AIT	QT	1-4
Subject Area 2. Avenger Slew-to-Cue System Maintenance				
093-35T-1305	Perform Avenger Slew-to-Cue Operational Checks	AIT	QT	1-4
093-35T-1310	Repair the Avenger Slew-to-Cue System	AIT	QT	1-4
Skill Level 3				
Subject Area 3. Maintenance Operations				
093-SSG-3004	Submit a Quality Deficiency Report (QDR)	BNCOC	QT	3
093-SSG-3005	Submit Equipment Improvement Recommendation (EIR)	BNCOC	QT	3
093-SSG-3006	Plan Work Flow	BNCOC	QT	3
093-SSG-3007	Direct Performance of Preventive Maintenance	BNCOC	QT	3
093-SSG-3008	Provide Technical Assistance to Repairers	BNCOC	QT	3
093-SSG-3009	Perform Initial Inspections	BNCOC	QT	3
093-SSG-3010	Perform Final Inspections	BNCOC	QT	3
093-SSG-3012	Perform In-Process Inspections	BNCOC	QT	3
Subject Area 4. Maintenance Management I				
093-SSG-3001	Inspect Section/Shop Safety	BNCOC	QT	3
093-SSG-3002	Manage Section/Shop Security	BNCOC	QT	3
093-SSG-3003	Maintain Section/Shop Calibration Program	BNCOC	QT	3
093-SSG-3011	Write a Standing Operating Procedure (SOP)	BNCOC	QT	3
093-SSG-3013	Maintain Property Accountability	BNCOC	QT	3
093-SSG-3014	Assess Battlefield Damage	BNCOC	QT	3
093-SSG-3015	Manage Demand Supported Repair Parts Listed on the Prescribed Load List (PLL)	BNCOC	QT	3
093-SSG-3016	Monitor Bench Stock Operations	BNCOC	QT	3
093-SSG-3017	Monitor Shop Stock Operations	BNCOC	QT	3
093-SSG-3019	Inspect Maintenance Support Team Operations	BNCOC	QT	3
093-SSG-3020	Inspect Maintenance Reporting and Management Data	BNCOC	QT	3
093-SSG-3021	Review SAMS-1 Reports	BNCOC	QT	3
Skill Level 4				
Subject Area 5. Maintenance Management II				
093-SFC-4101	Manage a Shop Security Program	ANCOC	MO	4
093-SFC-4103	Prepare Input to Materiel Condition Status Report	ANCOC	QT	4
093-SFC-4104	Manage SAMS-1 System Administration	ANCOC	SA	4
093-SFC-4105	Manage Hand Receipt Functions	ANCOC	SA	4
093-SFC-4106	Manage Maintenance Shop Operations	ANCOC	QT	4
093-SFC-4107	Manage Logistics Support	ANCOC	QT	4

CRITICAL TASKS

Task Number	Title	Training Location	Sust Tng Freq	Sust Tng SL
093-SFC-4108	Manage Shop Personnel Actions	ANCOC	SA	4
093-SFC-4109	Review SAMS-2 Reports	ANCOC	SA	4
093-SFC-4110	Conduct Site Reconnaissance	UNIT	AN	4
093-SFC-4111	Coordinate Activities Between Production Control and Supply Support Activity	ANCOC	MO	4
093-SFC-4112	Manage Shop Supply Operations	ANCOC	QT	4
093-SFC-4113	Provide Liaison to Supported Units	ANCOC	AN	4
093-SFC-4114	Manage Operational Readiness Float (ORF) Transactions	ANCOC	AN	4

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CHAPTER 3

MOS/Skill Level Tasks

Skill Level 1

Subject Area 1: Avenger System Maintenance

**Perform Preventive Maintenance Checks and Services (PMCS) on Contact Test Set (CTS)/Soldier Portable On-System Repair Tool (SPORT)
093-35T-1001**

Conditions: Perform this task given soldier portable on-system repair tool (SPORT), contact test set (CTS), TM 9-6625-2300-12&P, TM 9-6625-2301-12&P, and tools and materials as listed in references.

Standards: Performed preventive maintenance checks and services (PMCS) in accordance with TM 9-6625-2300-12&P. Observed all safety precautions.

Performance Measures	<u>GO</u>	<u>NO GO</u>
1. Performed before operations checks.	_____	_____
2. Performed monthly operations checks.	_____	_____
3. Observed all safety precautions.	_____	_____
4. Ensured that any deficiencies found were corrected.	_____	_____

Evaluation Guidance: Score the soldier GO if all performance measures are passed. Score the soldier NO-GO if any performance measure is failed. If the soldier fails any performance measure, show what was done wrong and how to do it correctly.

References

Required

- TM 9-6625-2300-12&P
- TM 9-6625-2301-12&P

Related

**Perform an Operations Check on the Contact Test Set (CTS)/Soldier Portable On-System Repair Tool (SPORT)
093-35T-1002**

Conditions: Perform this task given soldier portable on-system repair tool (SPORT), contact test set (CTS), TM 9-6625-2301-12&P, TM 9-6625-2300-12&P, and tools and materials listed in references.

Standards: Performed operational checks according to TM 9-6625-2300-12&P. Observed all safety precautions.

Performance Measures	<u>GO</u>	<u>NO GO</u>
1. Performed pointing device inspection.	—	—
2. Performed alpha/numeric keypad and keyboard inspection.	—	—
3. Performed function key inspection (SPORT only).	—	—
4. Performed light emitting diode (LED) inspection.	—	—
5. Ensured that all deficiencies found were corrected.	—	—

Evaluation Guidance: Score the soldier GO if all performance measures are passed. Score the soldier NO-GO if any performance measure is failed. If the soldier fails any performance measure, show what was done wrong and how to do it correctly.

References

Required

- TM 9-6625-2300-12&P
- TM 9-6625-2301-12&P

Related

Perform Maintenance on the Contact Test Set (CTS)/Soldier Portable On-System Repair Tool (SPORT)

093-35T-1011

Conditions: Perform this task given soldier portable on-system repair tool (SPORT), contact test set (CTS), TM 9-6625-2301-12&P, TM 9-6625-2300-12&P, and tools and materials listed in references.

Standards: Performed maintenance according to TM 9-6625-2300-12&P. Observed all safety precautions.

Performance Measures	<u>GO</u>	<u>NO GO</u>
1. Performed before operations checks.	—	—
2. Identified all deficiencies.	—	—
3. Corrected deficiencies according to the technical manual.	—	—
4. Verified the proper operation of the system.	—	—
5. Reported deficiencies to supervisor.	—	—
6. Observed all safety precautions.	—	—

Evaluation Guidance: Score the soldier GO if all performance measures are passed. Score the soldier NO-GO if any performance measure is failed. If the soldier fails any performance measure, show what was done wrong and how to do it correctly.

References

Required

- TM 9-6625-2300-12&P
- TM 9-6625-2301-12&P

Related

**Operate the Interactive Display System and Interactive Electronic Technical Manuals
093-35T-1012**

Conditions: Perform this task given soldier portable on-system repair tool (SPORT), contact test set (CTS), TM 9-6625-2301-12, TM 9-6625-2300-12&P, and tools and materials as listed in references.

Standards: Performed operation of the interactive display system and interactive electronic technical manual according to TM 9-6625-2301-12. Observed all safety precautions.

Performance Measures	<u>GO</u>	<u>NO GO</u>
1. Performed initial setup.	—	—
2. Performed all procedural steps outlined in TM 9-6625-2301-12.	—	—
3. Accessed the Help file.	—	—
4. Accessed the technical manual.	—	—
5. Navigated through technical manual.	—	—
6. Observed all safety precautions.	—	—

Evaluation Guidance: Score the soldier GO if all performance measures are passed. Score the soldier NO-GO if any performance measure is failed. If the soldier fails any performance measure, show what was done wrong and how to do it correctly.

References

Required

- TM 9-6625-2300-12&P
- TM 9-6625-2301-12&P

Related

**Replace the Fire Unit
093-35T-1100**

Conditions: Perform this task given Avenger Weapon System, TM 9-1425-433-10, TM 9-1440-433-24-1, TM 9-1440-433-24-2, TM 9-1440-433-24P, TM 9-6625-2300-12&P, DA Pam 738-750, and tools, test equipment, and accessories listed in references.

Standards: Replaced the fire unit in accordance with TM 9-1440-433-24-2 to operate according to TM 9-1425-433-10. Observed all safety precautions.

Performance Measures	<u>GO</u>	<u>NO GO</u>
1. Performed turret replacement initial setup.	_____	_____
2. Performed all procedural steps outlined in TM 9-1440-433-24-2.	_____	_____
3. Observed all safety precautions.	_____	_____

Evaluation Guidance: Score the soldier GO if all performance measures are passed. Score the soldier NO-GO if any performance measure is failed. If the soldier fails any performance measure, show what was done wrong and how to do it correctly.

References

Required

- DA PAM 738-750
- TM 9-1425-433-10
- TM 9-1440-433-24-1
- TM 9-1440-433-24-2
- TM 9-1440-433-24P
- TM 9-6625-2300-12&P

Related

Repair the Avenger Power Distribution System
093-35T-1101

Conditions: Perform this task given Avenger Weapon System, TM 9-1425-433-10, TM 9-1440-433-24-1, TM 9-1440-433-24-2, TM 9-1440-433-24P, DA Pam 738-750, and tools, test equipment, and accessories listed in references.

Standards: Repaired the power distribution system to operate according to TM 9-1425-433-10, TM 9-1440-433-24-1, and TM 9-1440-433-24-2. Observed all safety precautions.

Performance Measures	<u>GO</u>	<u>NO GO</u>
1. Inspected the Avenger power distribution system for damage.	—	—
2. Corrected defects found during inspection.	—	—
3. Prepared the Avenger system for test.	—	—
4. Performed the test steps listed in TM 9-1440-433-24-1.	—	—
5. Performed troubleshooting on the Avenger power distribution system, if necessary, and isolated the malfunction to a module or component.	—	—
6. Repaired or replaced the module or component, if necessary.	—	—
7. Verified that the Avenger power distribution system was operational.	—	—
8. Observed all safety precautions.	—	—

Evaluation Guidance: Score the soldier GO if all performance measures are passed. Score the soldier NO-GO if any performance measure is failed. If the soldier fails any performance measure, show what was done wrong and how to do it correctly.

References

Required

- DA PAM 738-750
- TM 9-1425-433-10
- TM 9-1440-433-24-1
- TM 9-1440-433-24-2
- TM 9-1440-433-24P
- TM 9-6625-2300-12&P

Related

**Repair the Communications/Identify Friend or Foe (IFF) Systems
093-35T-1102**

Conditions: Perform this task given Avenger Weapon System, TM 9-1425-433-10, TM 9-1440-433-24-1, TM 9-1440-433-24-2, TM 9-1440-433-24P, DA Pam 738-750, and tools, test equipment, and accessories listed in references.

Standards: Repaired the communications/Identify Friend or Foe (IFF) system to operate according to TM 9-14250-433-10 and TM 9-1440-433-24-2. Observed all safety precautions.

Performance Measures	<u>GO</u>	<u>NO GO</u>
1. Inspected the Avenger communications/IFF system for damage and corrected any defects.	—	—
2. Prepared the Avenger communications/IFF system for test.	—	—
3. Performed the test steps listed in TM 9-1440-433-24-1.	—	—
4. Performed troubleshooting on the Avenger communications/IFF system, if necessary, and isolated the malfunction to a module or component.	—	—
5. Repaired or replaced the module or component, if necessary.	—	—
6. Verified that the Avenger communications/IFF system was operational.	—	—
7. Observed all safety precautions.	—	—

Evaluation Guidance: Score the soldier GO if all performance measures are passed. Score the soldier NO-GO if any performance measure is failed. If the soldier fails any performance measure, show what was done wrong and how to do it correctly.

References

Required

- DA PAM 738-750
- TM 9-1425-433-10
- TM 9-1440-433-24-1
- TM 9-1440-433-24-2
- TM 9-1440-433-24P

Related

- TM 9-6625-2300-12&P

Repair the Elevation Drive System
093-35T-1103

Conditions: Perform this task given Avenger Weapon System, TM 9-1425-433-10, TM 9-1440-433-24-1, TM 9-1440-433-24-2, TM 9-1440-433-24P, DA Pam 738-750, and tools, test equipment, and accessories listed in references.

Standards: Repaired the elevation drive system to operate according to TM 9-1425-433-10 and TM 9-1440-433-24-1. Observed all safety precautions.

Performance Measures	<u>GO</u>	<u>NO GO</u>
1. Inspected the elevation drive system for damage and corrected any defects.	—	—
2. Prepared the Avenger system for test.	—	—
3. Performed the test steps listed in TM 9-1440-433-24-1.	—	—
4. Performed troubleshooting on the elevation drive system, if necessary, and isolated the malfunction to a module or component.	—	—
5. Repaired or replaced the module or component, if necessary.	—	—
6. Verified that the elevation drive system was operational.	—	—
7. Observed all safety precautions.	—	—

Evaluation Guidance: Score the soldier GO if all performance measures are passed. Score the soldier NO-GO if any performance measure is failed. If the soldier fails any performance measure, show what was done wrong and how to do it correctly.

References

Required

DA PAM 738-750
TM 9-1425-433-10
TM 9-1440-433-24-1
TM 9-1440-433-24-2
TM 9-1440-433-24P

Related

TM 9-6625-2300-12&P

**Repair the Gunners Hand Station
093-35T-1104**

Conditions: Perform this task given Avenger Weapon System, TM 9-1425-433-10, TM 9-1440-433-24-1, TM 9-1440-433-24-2, TM 9-1440-433-24P, DA Pam 738-750, and tools, test equipment, and accessories listed in references.

Standards: Repaired the gunners hand station to operate according to TM 9-1425-433-10 and TM 9-1440-433-24-1. Observed all safety precautions.

Performance Measures	<u>GO</u>	<u>NO GO</u>
1. Inspected the gunners hand station for damage and corrected any defects.	—	—
2. Prepared the gunners hand station for test.	—	—
3. Performed the test steps.	—	—
4. Performed troubleshooting on the gunners hand station, if necessary, and isolated the malfunction to a module or component.	—	—
5. Repaired or replaced the module or component, if necessary.	—	—
6. Verified that the gunners hand station was operational.	—	—
7. Observed all safety precautions.	—	—

Evaluation Guidance: Score the soldier GO if all performance measures are passed. Score the soldier NO-GO if any performance measure is failed. If the soldier fails any performance measure, show what was done wrong and how to do it correctly.

References

Required

- DA PAM 738-750
- TM 9-1425-433-10
- TM 9-1440-433-24-1
- TM 9-1440-433-24-2
- TM 9-1440-433-24P

Related

- TM 9-6625-2300-12&P

Replace the Gyro Block Assembly
093-35T-1105

Conditions: Perform this task given Avenger Weapon System, TM 9-1425-433-10, TM 9-1440-433-24-1, TM 9-1440-433-24-2, TM 9-1440-433-24P, DA Pam 738-750, and tools, test equipment, and accessories listed in references.

Standards: Replaced the defective component so that the gyro block assemblies operate according to TM 9-1425-433-10 and TM 9-1440-433-24-1. Observed all safety precautions.

Performance Measures	<u>GO</u>	<u>NO GO</u>
1. Inspected the Avenger gyro assembly for damage and corrected any defects.	—	—
2. Prepared the Avenger system for test.	—	—
3. Performed the test steps.	—	—
4. Performed troubleshooting on the Avenger gyro assembly, if necessary, and isolated the malfunction to a module or component.	—	—
5. Replaced the module or component.	—	—
6. Verified that the Avenger gyro assembly was operational.	—	—
7. Observed all safety precautions.	—	—

Evaluation Guidance: Score the soldier GO if all performance measures are passed. Score the soldier NO-GO if any performance measure is failed. If the soldier fails any performance measure, show what was done wrong and how to do it correctly.

References

Required

- DA PAM 738-750
- TM 9-1425-433-10
- TM 9-1440-433-24-1
- TM 9-1440-433-24-2
- TM 9-1440-433-24P

Related

- TM 9-6625-2300-12&P

**Repair the Avenger MP3 Machine Gun System
093-35T-1107**

Conditions: Perform this task given Avenger Weapon System, TM 9-1425-433-10, TM 9-1440-433-24-1, TM 9-1440-433-24-2, TM 9-1440-433-24P, DA Pam 738-750, and tools, test equipment, and accessories listed in references.

Standards: Repaired the machine gun system to operate according to TM 9-1425-433-10, TM 9-1440-433-24-1, and TM 9-1440-433-24-2. Observed all safety precautions.

Performance Measures	<u>GO</u>	<u>NO GO</u>
1. Inspected the Avenger MP3 Machine Gun System for damage and corrected any defects.	—	—
2. Prepared the Avenger system for test.	—	—
3. Performed the test steps.	—	—
4. Performed troubleshooting on the Avenger MP3 Machine Gun System, if necessary, and isolated the malfunction to a module or component.	—	—
5. Repaired or replaced the module or component, if necessary.	—	—
6. Verified that the Avenger MP3 Machine Gun System was operational.	—	—
7. Observed all safety precautions.	—	—

Evaluation Guidance: Score the soldier GO if all performance measures are passed. Score the soldier NO-GO if any performance measure is failed. If the soldier fails any performance measure, show what was done wrong and how to do it correctly.

References

Required

- DA PAM 738-750
- TM 9-1425-433-10
- TM 9-1440-433-24-1
- TM 9-1440-433-24-2
- TM 9-1440-433-24P

Related

- TM 9-6625-2300-12&P

**Repair Environmental Control Unit (ECU)/Primary Power Unit (PPU)
093-35T-1108**

Conditions: Perform this task given Avenger Weapon System, TM 9-1425-433-10, TM 9-1440-433-24-1, TM 9-1440-433-24-2, TM 9-1440-433-24P, DA Pam 738-750, and tools, test equipment, and accessories listed in references.

Standards: Repaired the environmental system to ensure the system operated according to TM 9-1425-433-10, TM 9-1440-433-24-1, and TM 9-1440-433-24-2. Observed all safety precautions.

Performance Measures	<u>GO</u>	<u>NO GO</u>
1. Inspected the environmental system for damage and corrected any defects.	—	—
2. Prepared the Avenger system for test.	—	—
3. Performed the test steps.	—	—
4. Performed troubleshooting on the Avenger environmental system, if necessary, and isolated the malfunction to a module or component.	—	—
5. Repaired or replaced the module or component, if necessary.	—	—
6. Verified that the Avenger environmental system is operational.	—	—
7. Observed all safety precautions.	—	—

Evaluation Guidance: Score the soldier GO if all performance measures are passed. Score the soldier NO-GO if any performance measure is failed. If the soldier fails any performance measure, show what was done wrong and how to do it correctly.

References

Required

- DA PAM 738-750
- TM 9-1425-433-10
- TM 9-1440-433-24-1
- TM 9-1440-433-24-2
- TM 9-1440-433-24P

Related

**Repair the Avenger Control Electronics (ACE)
093-35T-1109**

Conditions: Perform this task given Avenger Weapon System, TM 9-1425-433-10, TM 9-1440-433-24-1, TM 9-1440-433-24-2, TM 9-1440-433-24P, DA Pam 738-750, and tools, test equipment, and accessories listed in references.

Standards: Repaired the Avenger Control Electronics (ACE) computer system to operate according to TM 9-1425-433-10 and TM 9-1440-433-24-2. Observed all safety precautions.

Performance Measures	<u>GO</u>	<u>NO GO</u>
1. Inspected the ACE computer for damage and corrected any defects.	—	—
2. Prepared the Avenger system for test.	—	—
3. Performed the test steps.	—	—
4. Performed troubleshooting on the ACE computer, if necessary, and isolated the malfunction to a module or component.	—	—
5. Repaired or replaced the module or component, if necessary.	—	—
6. Verified that the ACE computer was operational.	—	—
7. Observed all safety precautions.	—	—

Evaluation Guidance: Score the soldier GO if all performance measures are passed. Score the soldier NO-GO if any performance measure is failed. If the soldier fails any performance measure, show what was done wrong and how to do it correctly.

References

Required

- DA PAM 738-750
- TM 9-1425-433-10
- TM 9-1440-433-24-1
- TM 9-1440-433-24-2
- TM 9-1440-433-24P

Related

- TM 9-6625-2300-12&P

Repair the Sight Display Unit
093-35T-1110

Conditions: Perform this task given Avenger Weapon System, TM 9-1425-433-10, TM 9-1440-433-24-1, TM 9-1440-433-24-2, TM 9-1440-433-24P, DA Pam 738-750, and tools, test equipment, and accessories listed in references.

Standards: Repaired the sight display unit to operate according to TM 9-1425-433-10 and TM 9-1440-433-24-1. Observed all safety precautions.

Performance Measures	<u>GO</u>	<u>NO GO</u>
1. Inspected the sight display unit for damage and corrected any defects.	—	—
2. Prepared the Avenger system for test.	—	—
3. Performed the test steps.	—	—
4. Performed troubleshooting on the sight display unit, if necessary, and isolated the malfunction to a module or component.	—	—
5. Repaired or replaced the module or component, if necessary.	—	—
6. Verified that the sight display unit was operational.	—	—
7. Observed all safety precautions.	—	—

Evaluation Guidance: Score the soldier GO if all performance measures are passed. Score the soldier NO-GO if any performance measure is failed. If the soldier fails any performance measure, show what was done wrong and how to do it correctly.

References

Required

- DA PAM 738-750
- TM 9-1425-433-10
- TM 9-1440-433-24-1
- TM 9-1440-433-24-2
- TM 9-1440-433-24P

Related

- TM 9-6625-2300-12&P

**Repair the Sight Electronics Unit
093-35T-1111**

Conditions: Perform this task given Avenger Weapon System, TM 9-1425-433-10, TM 9-1440-433-24-1, TM 9-1440-433-24-2, TM 9-1440-433-24P, DA Pam 738-750, and tools, test equipment, and accessories listed in references.

Standards: Repaired the sight electronics unit to operate according to TM 9-1425-433-10 and TM 9-1440-433-24-1. Observed all safety precautions.

Performance Measures	<u>GO</u>	<u>NO GO</u>
1. Inspected the sight electronics unit for damage and corrected any defects.	—	—
2. Prepared the Avenger system for test.	—	—
3. Performed the test steps.	—	—
4. Performed troubleshooting on the sight electronics unit, if necessary, and isolated the malfunction to a module or component.	—	—
5. Repaired or replaced the module or component, if necessary.	—	—
6. Verified that the sight electronics unit was operational.	—	—
7. Observed all safety precautions.	—	—

Evaluation Guidance: Score the soldier GO if all performance measures are passed. Score the soldier NO-GO if any performance measure is failed. If the soldier fails any performance measure, show what was done wrong and how to do it correctly.

References

Required

- DA PAM 738-750
- TM 9-1425-433-10
- TM 9-1440-433-24-1
- TM 9-1440-433-24-2
- TM 9-1440-433-24P

Related

- TM 9-6625-2300-12&P

Repair the Automatic Video Tracker
093-35T-1112

Conditions: Perform this task given Avenger Weapon System, TM 9-1425-433-10, TM 9-1440-433-24-1, TM 9-1440-433-24-2, TM 9-1440-433-24P, DA Pam 738-750, and tools, test equipment, and accessories listed in references.

Standards: Repaired the automatic video tracker to operate according to TM 9-1425-433-10 and TM 9-1440-433-24-1. Observed all safety precautions.

Performance Measures	<u>GO</u>	<u>NO GO</u>
1. Inspected the automatic video tracker for damage and corrected any defects.	—	—
2. Prepared the Avenger system for test.	—	—
3. Performed the test steps.	—	—
4. Performed troubleshooting on the automatic video tracker, if necessary, and isolated the malfunction to a module or component.	—	—
5. Repaired or replaced the module or component, if necessary.	—	—
6. Verified that the automatic video tracker was operational.	—	—
7. Observed all safety precautions.	—	—

Evaluation Guidance: Score the soldier GO if all performance measures are passed. Score the soldier NO-GO if any performance measure is failed. If the soldier fails any performance measure, show what was done wrong and how to do it correctly.

References

Required

- DA PAM 738-750
- TM 9-1425-433-10
- TM 9-1440-433-24-1
- TM 9-1440-433-24-2
- TM 9-1440-433-24P

Related

- TM 9-6625-2300-12&P

**Repair the Forward Looking Infrared (FLIR) Receiver System
093-35T-1113**

Conditions: Perform this task given Avenger Weapon System, TM 9-1425-433-10, TM 9-1440-433-24-1, TM 9-1440-433-24-2, TM 9-1440-433-24P, DA Pam 738-750, and tools, test equipment, and accessories listed in references.

Standards: Repaired the Forward Looking Infrared (FLIR) Receiver System to operate according to TM 9-1425-433-10 and TM 9-1440-433-24-1. Observed all safety precautions.

Performance Measures	<u>GO</u>	<u>NO GO</u>
1. Inspected the FLIR Receiver System for damage and corrected any defects.	—	—
2. Prepared the Avenger system for test.	—	—
3. Performed the test steps.	—	—
4. Performed troubleshooting on the FLIR Receiver System, if necessary, and isolated the malfunction to a module or component.	—	—
5. Repaired or replaced the module or component, if necessary.	—	—
6. Verified that the FLIR Receiver System is operational.	—	—
7. Observed all safety precautions.	—	—

Evaluation Guidance: Score the soldier GO if all performance measures are passed. Score the soldier NO-GO if any performance measure is failed. If the soldier fails any performance measure, show what was done wrong and how to do it correctly.

References

Required

- DA PAM 738-750
- TM 9-1425-433-10
- TM 9-1440-433-24-1
- TM 9-1440-433-24-2
- TM 9-1440-433-24P

Related

- TM 9-6625-2300-12&P

Repair the Cryogenics Assembly
093-35T-1114

Conditions: Perform this task given Avenger Weapon System, TM 9-1425-433-10, TM 9-1440-433-24-1, TM 9-1440-433-24-2, TM 9-1440-433-24P, DA Pam 738-750, and tools, test equipment, and accessories listed in references.

Standards: Repaired the cryogenics assembly to operate according to TM 9-1425-433-10 and TM 9-1440-434-24&P. Observed all safety precautions.

Performance Measures	<u>GO</u>	<u>NO GO</u>
1. Inspected the cryogenics assembly for damage and corrected any defects.	—	—
2. Prepared the Avenger system for test.	—	—
3. Performed the test steps.	—	—
4. Performed troubleshooting on the cryogenics assembly, if necessary, and isolated the malfunction to a module or component.	—	—
5. Repaired or replaced the module or component, if necessary.	—	—
6. Verified that the cryogenics assembly is operational.	—	—
7. Observed all safety precautions.	—	—

Evaluation Guidance: Score the soldier GO if all performance measures are passed. Score the soldier NO-GO if any performance measure is failed. If the soldier fails any performance measure, show what was done wrong and how to do it correctly.

References

Required

- DA PAM 738-750
- TM 9-1425-433-10
- TM 9-1440-433-24-1
- TM 9-1440-433-24-2
- TM 9-1440-433-24P

Related

- TM 9-6625-2300-12&P

**Repair the Forward Looking Infrared (FLIR) Receiver Monitor System
093-35T-1115**

Conditions: Perform this task given Avenger Weapon System, TM 9-1425-433-10, TM 9-1440-433-24-1, TM 9-1440-433-24-2, TM 9-1440-433-24P, DA Pam 738-750, and tools, test equipment, and accessories listed in references.

Standards: Repaired the Forward Looking Infrared (FLIR) Receiver Monitor System to operate according to TM 9-1425-433-10, TM 9-1440-433-24-1, and TM 9-1440-433-24-2. Observed all safety precautions.

Performance Measures	<u>GO</u>	<u>NO GO</u>
1. Inspected the FLIR Receiver Monitor System for damage and corrected any defects.	—	—
2. Prepared the Avenger system for test.	—	—
3. Performed the test steps.	—	—
4. Performed troubleshooting on the FLIR Receiver Monitor System, if necessary, and isolated the malfunction to a module or component.	—	—
5. Repaired or replaced the module or component, if necessary.	—	—
6. Verified that the FLIR Receiver Monitor System was operational.	—	—
7. Observed all safety precautions.	—	—

Evaluation Guidance: Score the soldier GO if all performance measures are passed. Score the soldier NO-GO if any performance measure is failed. If the soldier fails any performance measure, show what was done wrong and how to do it correctly.

References

Required

- DA PAM 738-750
- TM 9-1425-433-10
- TM 9-1440-433-24-1
- TM 9-1440-433-24-2
- TM 9-1440-433-24P

Related

- TM 9-6625-2300-12&P

Repair the Electrical Cables
093-35T-1116

Conditions: Perform this task given Avenger Weapon System, TM 9-1425-433-10, TM 9-1440-433-24-1, TM 9-1440-433-24-2, TM 9-1440-433-24P, DA Pam 738-750, and tools, test equipment, and accessories listed in references.

Standards: Repaired the electrical cables to operate according to TM 9-1425-433-10, TM 9-1440-433-24-1, and TM 9-1440-433-24-2. Observed all safety precautions.

Performance Measures	<u>GO</u>	<u>NO GO</u>
1. Inspected the electrical cables for damage and corrected any defects.	—	—
2. Prepared the Avenger system for test.	—	—
3. Performed the test steps.	—	—
4. Performed troubleshooting on the electrical cables, if necessary, and isolated the malfunction to a module or component.	—	—
5. Repaired or replaced the module or component, if necessary.	—	—
6. Verified that the electrical cables were operational.	—	—
7. Observed all safety precautions.	—	—

Evaluation Guidance: Score the soldier GO if all performance measures are passed. Score the soldier NO-GO if any performance measure is failed. If the soldier fails any performance measure, show what was done wrong and how to do it correctly.

References

Required

- DA PAM 738-750
- TM 9-1425-433-10
- TM 9-1440-433-24-1
- TM 9-1440-433-24-2
- TM 9-1440-433-24P

Related

- TM 9-6625-2300-12&P

**Repair the Laser Range Finder System
093-35T-1117**

Conditions: Perform this task given Avenger Weapon System, TM 9-1425-433-10, TM 9-1440-433-24-1, TM 9-1440-433-24-2, TM 9-1440-433-24P, DA Pam 738-750, and tools, test equipment, and accessories listed in references.

Standards: Repaired the laser range finder system to operate according to TM 9-1425-433-10, TM 9-1440-433-24-1, and TM 9-1440-433-24-2. Observed all safety precautions.

Performance Measures	<u>GO</u>	<u>NO GO</u>
1. Inspected the laser range finder system for damage and corrected any defects.	—	—
2. Prepared the Avenger system for test.	—	—
3. Performed the test steps.	—	—
4. Performed troubleshooting on the laser range finder system, if necessary, and isolated the malfunction to a module or component.	—	—
5. Repaired or replaced the module or component, if necessary.	—	—
6. Verified that the laser range finder system was operational.	—	—
7. Observed all safety precautions.	—	—

Evaluation Guidance: Score the soldier GO if all performance measures are passed. Score the soldier NO-GO if any performance measure is failed. If the soldier fails any performance measure, show what was done wrong and how to do it correctly.

References

Required

- DA PAM 738-750
- TM 9-1425-433-10
- TM 9-1440-433-24-1
- TM 9-1440-433-24-2
- TM 9-1440-433-24P

Related

- TM 9-6625-2300-12&P

Repair the Electronics Control Assembly
093-35T-1118

Conditions: Perform this task given Avenger Weapon System, TM 9-1425-433-10, TM 9-1440-433-24-1, TM 9-1440-433-24-2, TM 9-1440-433-24P, DA Pam 738-750, and tools, test equipment, and accessories listed in references.

Standards: Repaired the electronics control assembly to operate according to TM 9-1425-433-10 and TM 9-1440-433-24-1. Observed all safety precautions.

Performance Measures	<u>GO</u>	<u>NO GO</u>
1. Inspected the electronic control assembly for damage and corrected any defects.	—	—
2. Prepared the Avenger system for test.	—	—
3. Performed the test steps.	—	—
4. Performed troubleshooting on the electronic control assembly, if necessary, and isolated the malfunction to a module or component.	—	—
5. Repaired or replaced the module or component, if necessary.	—	—
6. Verified that the electronic control assembly was operational.	—	—
7. Observed all safety precautions.	—	—

Evaluation Guidance: Score the soldier GO if all performance measures are passed. Score the soldier NO-GO if any performance measure is failed. If the soldier fails any performance measure, show what was done wrong and how to do it correctly.

References

Required

- DA PAM 738-750
- TM 9-1425-433-10
- TM 9-1440-433-24-1
- TM 9-1440-433-24-2
- TM 9-1440-433-24P

Related

- TM 9-6625-2300-12&P

**Replace the Equilibrator Assembly
093-35T-1120**

Conditions: Perform this task given Avenger Weapon System, TM 9-1425-433-10, TM 9-1440-433-24-1, TM 9-1440-433-24-2, TM 9-1440-433-24P, DA Pam 738-750, and tools, test equipment, and accessories listed in references.

Standards: Repaired the equilibrator assembly to operate according to TM 9-1425-433-10 and TM 9-1440-433-24-2. Observed all safety precautions.

Performance Measures	<u>GO</u>	<u>NO GO</u>
1. Inspected the equilibrator assembly for damage and corrected any defects.	—	—
2. Prepared the Avenger system for test.	—	—
3. Performed the test steps.	—	—
4. Performed troubleshooting on the equilibrator assembly, if necessary, and isolated the malfunction to a module or component.	—	—
5. Replaced the module or component, if necessary.	—	—
6. Verified that the equilibrator assembly was operational.	—	—
7. Observed all safety precautions.	—	—

Evaluation Guidance: Score the soldier GO if all performance measures are passed. Score the soldier NO-GO if any performance measure is failed. If the soldier fails any performance measure, show what was done wrong and how to do it correctly.

References

Required

- DA PAM 738-750
- TM 9-1425-433-10
- TM 9-1440-433-24-1
- TM 9-1440-433-24-2
- TM 9-1440-433-24P

Related

- TM 9-6625-2300-12&P

Repair the Gunners Console
093-35T-1121

Conditions: Perform this task given Avenger Weapon System, TM 9-1425-433-10, TM 9-1440-433-24-1, TM 9-1440-433-24-2, TM 9-1440-433-24P, DA Pam 738-750, and tools, test equipment, and accessories listed in references.

Standards: Repaired the gunners console to operate according to TM 9-1425-433-10, TM 9-1440-433-24-1, and TM 9-1440-433-24-2. Observed all safety precautions.

Performance Measures	<u>GO</u>	<u>NO GO</u>
1. Inspected the gunners console for damage and corrected any defects.	—	—
2. Prepared the Avenger system for test.	—	—
3. Performed the test steps.	—	—
4. Performed troubleshooting on the gunners console, if necessary, and isolated the malfunction to a module or component.	—	—
5. Repaired or replaced the module or component, if necessary.	—	—
6. Verified that the gunners console was operational.	—	—
7. Observed all safety precautions.	—	—

Evaluation Guidance: Score the soldier GO if all performance measures are passed. Score the soldier NO-GO if any performance measure is failed. If the soldier fails any performance measure, show what was done wrong and how to do it correctly.

References

Required

- DA PAM 738-750
- TM 9-1425-433-10
- TM 9-1440-433-24-1
- TM 9-1440-433-24-2
- TM 9-1440-433-24P

Related

- TM 9-6625-2300-12&P

**Repair the Remote Control Unit
093-35T-1122**

Conditions: Perform this task given Avenger Weapon System, TM 9-1425-433-10, TM 9-1440-433-24-1, TM 9-1440-433-24-2, TM 9-1440-433-24P, DA Pam 738-750, and tools, test equipment, and accessories listed in references.

Standards: Repaired the remote control unit to operate according to TM 9-1425-433-10, TM 9-1440-433-24-1, and TM 9-1440-433-24-2. Observed all safety precautions.

Performance Measures	<u>GO</u>	<u>NO GO</u>
1. Inspected the remote control unit for damage and corrected any defects.	—	—
2. Prepared the Avenger system for test.	—	—
3. Performed the test steps.	—	—
4. Performed troubleshooting on the remote control unit, if necessary, and isolated the malfunction to a module or component.	—	—
5. Repaired or replaced the module or component, if necessary.	—	—
6. Verified that the remote control unit was operational.	—	—
7. Observed all safety precautions.	—	—

Evaluation Guidance: Score the soldier GO if all performance measures are passed. Score the soldier NO-GO if any performance measure is failed. If the soldier fails any performance measure, show what was done wrong and how to do it correctly.

References

Required

- DA PAM 738-750
- TM 9-1425-433-10
- TM 9-1440-433-24-1
- TM 9-1440-433-24-2
- TM 9-1440-433-24P

Related

- TM 9-6625-2300-12&P

Repair the Traverse Drive Assembly
093-35T-1123

Conditions: Perform this task given Avenger Weapon System, TM 9-1425-433-10, TM 9-1440-433-24-1, TM 9-1440-433-24-2, TM 9-1440-433-24P, DA Pam 738-750, and tools, test equipment, and accessories listed in references.

Standards: Repaired the traverse drive assembly to operate according to TM 9-1425-433-10 and TM 9-1440-433-24-1. Observed all safety precautions.

Performance Measures	<u>GO</u>	<u>NO GO</u>
1. Inspected the traverse drive assembly for damage and corrected any defects.	—	—
2. Prepared the Avenger system for test.	—	—
3. Performed the test steps.	—	—
4. Performed troubleshooting on the traverse drive assembly, if necessary, and isolated the malfunction to a module or component.	—	—
5. Repaired or replaced the module or component, if necessary.	—	—
6. Verified that the traverse drive assembly was operational.	—	—
7. Observed all safety precautions.	—	—

Evaluation Guidance: Score the soldier GO if all performance measures are passed. Score the soldier NO-GO if any performance measure is failed. If the soldier fails any performance measure, show what was done wrong and how to do it correctly.

References

Required

- DA PAM 738-750
- TM 9-1425-433-10
- TM 9-1440-433-24-1
- TM 9-1440-433-24-2
- TM 9-1440-433-24P

Related

- TM 9-6625-2300-12&P

**Repair the Standard Vehicle Mounted Launcher (SVML)
093-35T-1124**

Conditions: Perform this task given Avenger Weapon System, TM 9-1425-433-10, TM 9-1440-433-24-1, TM 9-1440-433-24-2, TM 9-1440-433-24P, TM 9-1440-434-24&P, DA Pam 738-750, and tools, test equipment, and accessories listed in references.

Standards: Repaired the standard vehicle mounted launcher (SVML) to operate according to TM 9-1425-433-10, TM 9-1440-433-24-2, and TM 9-1440-433-24P. Observed all safety precautions.

Performance Measures	<u>GO</u>	<u>NO GO</u>
1. Inspected the SVML for damage and corrected any defects.	—	—
2. Prepared the Avenger system for test.	—	—
3. Performed the test steps.	—	—
4. Performed troubleshooting on the SVML, if necessary, and isolated the malfunction to a module or component.	—	—
5. Repaired or replaced the module or component, if necessary.	—	—
6. Verified that the SVML was operational.	—	—
7. Observed all safety precautions.	—	—

Evaluation Guidance: Score the soldier GO if all performance measures are passed. Score the soldier NO-GO if any performance measure is failed. If the soldier fails any performance measure, show what was done wrong and how to do it correctly.

References

Required

- DA PAM 738-750
- TM 9-1425-433-10
- TM 9-1440-433-24-1
- TM 9-1440-433-24-2
- TM 9-1440-433-24P

Related

- TM 9-6625-2300-12&P

**Operate the Gas Charging Unit (GC31E)
093-35T-1125**

Conditions: Perform this task given TM 9-1450-431-14&P, TM 9-1425-433-10, TM 9-1440-434-24&P, and DA Pam 738-750, and the Avenger tool kit and test equipment and accessories listed in the technical manuals.

Standards: Operated the gas charging unit according to TM 9-1450-431-14&P. Observed all safety precautions.

Performance Measures	<u>GO</u>	<u>NO GO</u>
1. Performed gas charging unit initial setup.	_____	_____
2. Performed all procedural steps.	_____	_____
3. Observed all safety precautions.	_____	_____

Evaluation Guidance: Score the soldier GO if all performance measures are passed. Score the soldier NO-GO if any performance measure is failed. If the soldier fails any performance measure, show what was done wrong and how to do it correctly.

References

Required

- DA PAM 738-750
- TM 9-1425-433-10
- TM 9-1440-433-24P
- TM 9-1450-1431-14&P

Related

- TM 9-1440-433-24-1
- TM 9-1440-433-24-2

**Perform Preventive Maintenance Checks and Services (PMCS) on the Avenger System
093-35T-1127**

Conditions: Perform this task given Avenger Weapon System, DA Form 2404 (Equipment Inspection and Maintenance Worksheet), DA Pam 738-750, TM 9-1425-433-10, TM 9-1440-433-24-1, TM 9-1440-433-24-2, TM 9-1440-433-24P, and tools, test equipment, and accessories listed in references.

Standards: Performed preventive maintenance checks and services (PMCS) on the Avenger system according to TM 9-1425-433-10 and TM 9-1440-433-24-1. Observed all safety precautions

Performance Measures	<u>GO</u>	<u>NO GO</u>
1. Performed all procedural steps.	_____	_____
2. Observed all safety precautions.	_____	_____

Evaluation Guidance: Score the soldier GO if all performance measures are passed. Score the soldier NO-GO if any performance measure is failed. If the soldier fails any performance measure, show what was done wrong and how to do it correctly.

References

Required

- DA FORM 2404
- DA PAM 738-750
- TM 9-1425-433-10
- TM 9-1440-433-24-1
- TM 9-1440-433-24-2
- TM 9-1440-433-24P

Related

**Boresight the Avenger System
093-35T-1128**

Conditions: Perform this task given Avenger Weapon System, TM 9-1425-433-10, TM 9-1440-433-24-1, TM 9-1440-433-24-2, TM 9-1440-433-24P, TM 9-5855-885-24, DA Pam 738-750, and tools, test equipment, and accessories listed in references.

Standards: Performed boresighting of the Avenger system according to TM 9-1425-433-10, TM 9-1440-433-24-1, TM 9-1440-433-24-2, and TM 9-5855-885-24. Observed all safety precautions.

Performance Measures	<u>GO</u>	<u>NO GO</u>
1. Performed boresight initial setup.	_____	_____
2. Performed the checks and adjustment procedures outlined in the technical manual.	_____	_____
3. Observed all safety precautions.	_____	_____

Evaluation Guidance: Score the soldier GO if all performance measures are passed. Score the soldier NO-GO if any performance measure is failed. If the soldier fails any performance measure, show what was done wrong and how to do it correctly.

References

Required

- DA PAM 738-750
- TM 9-1425-433-10
- TM 9-1440-433-24-1
- TM 9-1440-433-24-2
- TM 9-1440-433-24P
- TM 9-5855-885-24

Related

**Perform Operational Checks on the Avenger System
093-35T-1129**

Conditions: Perform this task given Avenger Weapon System, TM 9-1425-433-10, TM 9-1440-433-24-1, TM 9-1440-433-24-2, TM 9-1440-433-24P, TM 9-1440-434-24&P, DA Pam 738-750, and tools, test equipment, and accessories listed in references.

Standards: Performed operational checks according to TM 9-1425-433-10. Observed all safety precautions.

Performance Measures	<u>GO</u>	<u>NO GO</u>
1. Performed all procedural steps.	_____	_____
2. Observed all safety precautions.	_____	_____
3. Ensured that any deficiencies found were corrected.	_____	_____

Evaluation Guidance: Score the soldier GO if all performance measures are passed. Score the soldier NO-GO if any performance measure is failed. If the soldier fails any performance measure, show what was done wrong and how to do it correctly.

References

Required

- DA PAM 738-750
- TM 9-1425-433-10
- TM 9-1440-433-24-1
- TM 9-1440-433-24-2
- TM 9-1440-433-24P

Related

Repair the Avenger Structure Assemblies
093-35T-1130

Conditions: Perform this task given Avenger Weapon System, TM 9-1425-433-10, TM 9-1440-433-24-1, TM 9-1440-433-24-2, TM 9-1440-433-24P, DA Pam 738-750, and tools, test equipment, and accessories listed in references.

Standards: Repaired the Avenger structure assemblies according to TM 9-1440-433-24-2. Observed all safety precautions.

Performance Measures	<u>GO</u>	<u>NO GO</u>
1. Performed inspection of Avenger system structure.	—	—
2. Performed structure repair initial setup.	—	—
3. Performed all procedural steps.	—	—
4. Observed all safety precautions.	—	—

Evaluation Guidance: Score the soldier GO if all performance measures are passed. Score the soldier NO-GO if any performance measure is failed. If the soldier fails any performance measure, show what was done wrong and how to do it correctly.

References

Required

- DA PAM 738-750
- TM 9-1425-433-10
- TM 9-1440-433-24-1
- TM 9-1440-433-24-2
- TM 9-1440-433-24P

Related

Subject Area 2: Avenger Slew-to-Cue System Maintenance

**Perform Avenger Slew-to-Cue Operational Checks
093-35T-1305**

Conditions: Perform this task given the Avenger Weapon System, TM 9-1425-433-10, TM 9-1440-433-24-1, TM 9-1440-433-24-2, TM 9-1440-433-24P, DA Pam 738-750, and tools, test equipment, and accessories listed in references.

Standards: Perform Avenger slew-to-cue (STC) operational checks in accordance with TM 9-1440-433-24-1 and TM 9-1440-433-24-2. Observed all safety precautions.

Performance Measures	<u>GO</u>	<u>NO GO</u>
1. Performed all procedural steps.	_____	_____
2. Observed all safety precautions.	_____	_____
3. Ensured that any deficiencies found were corrected.	_____	_____

Evaluation Guidance: Score the soldier GO if all performance measures are passed. Score the soldier NO-GO if any performance measure is failed. If the soldier fails any performance measure, show what was done wrong and how to do it correctly.

References

Required

- DA PAM 738-750
- TM 9-1425-433-10
- TM 9-1440-433-24-1
- TM 9-1440-433-24-2
- TM 9-1440-433-24P

Related

**Repair the Avenger Slew-to-Cue System
093-35T-1310**

Conditions: Perform this task given Avenger Weapon System, TM 9-1425-433-10, TM 9-1440-433-24-1, TM 9-1440-433-24-2, TM 9-1440-433-24P, DA Pam 738-750, and tools, test equipment, and accessories listed in references.

Standards: Repaired the Avenger slew-to-cue (STC) system to operate according to TM 9-1425-433-10 and TM 9-1440-433-24-1. Observed all safety precautions.

Performance Measures	<u>GO</u>	<u>NO GO</u>
1. Inspected the Avenger STC system for damage and corrected any defects.	—	—
2. Prepared the Avenger STC system for test.	—	—
3. Performed the test steps.	—	—
4. Performed troubleshooting on the Avenger STC system, if necessary, and isolated the malfunction to a module or component.	—	—
5. Repaired or replaced the module or component, if necessary.	—	—
6. Verified that the Avenger STC system was operational.	—	—
7. Observed all safety precautions.	—	—

Evaluation Guidance: Score the soldier GO if all performance measures are passed. Score the soldier NO-GO if any performance measure is failed. If the soldier fails any performance measure, show what was done wrong and how to do it correctly.

References

Required

- DA PAM 738-750
- TM 9-1425-433-10
- TM 9-1440-433-24-1
- TM 9-1440-433-24-2
- TM 9-1440-433-24P

Related

Skill Level 3

Subject Area 3: Maintenance Operations

**Submit a Quality Deficiency Report (QDR)
093-SSG-3004**

Conditions: Given the requirement to submit a quality deficiency report for a serious or recurring maintenance problem. You are given the following items: AR 95-1, AR 725-50, DA Form 2404, DA Form 2407 (Maintenance Request), DD Form 1575 (Suspended Tag-Materiel), DD Form 2332 (Product Quality Deficiency Report Exhibit), DA Pam 738-750, DA PAM 738-751, SF Form 368 (Product Quality Deficiency Report), and TB 43-0001-series. This task can be performed in a field or garrison environment.

Standards: Identified conditions that indicated a quality deficiency existed, prepared the appropriate report form, and identified and retained QDR exhibits that had been disposed of.

Performance Measures

GO NO GO

NOTE: Follow steps 1-10 for all equipment except aviation equipment. For aviation equipment, follow steps 11-18.

- | | | |
|---|---|---|
| <ol style="list-style-type: none"> 1. Identified one or more conditions that indicated a quality deficiency existed. <ol style="list-style-type: none"> a. A condition in or with the equipment dangerous to people, other equipment, or the mission. b. An item or equipment that did not work right or last as long as it should have because of bad design or materials. c. Items that were not within the approved equipment specifications. d. Low-quality workmanship. e. Dangerous situations due to incorrect or missing data. f. Maintenance problems. g. Conditions that prevented use of the equipment. h. Repeated problems that took a lot of time with no solutions in sight. i. Problems requested to be reported by the national maintenance point (NMP). j. Corrosion problems in or on parts, components, assemblies, weapon systems, and/or equipment. 2. Identified defect as a Category I or Category II deficiency. <ol style="list-style-type: none"> a. Identified as a Category 1 deficiency any defect that-- <ol style="list-style-type: none"> (1) May have caused death, injury, or severe job illness. (2) Would have caused loss or major damage to a weapon system. (3) Would have critically restricted the combat readiness capabilities of the unit. b. Identified any defect as Category II deficiency that did not meet the criteria for a Category I deficiency. 3. Prepared appropriate QDR for Category I or Category II. <ol style="list-style-type: none"> a. Prepared Category I report in message format copy of SF Form 368 in accordance with DA Pam 738-750, Chapter 11. b. Prepared Category II report on SF Form 368 in accordance with DA Pam 738-750, Chapter 11. 4. Forwarded SF Form 368 to the major subordinate command (MSC) within 48 hours (Category I deficiencies) or 5 working days (Category II deficiencies) after the defect or problem was found. | <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> | <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> |
|---|---|---|

NOTE: Category I reports may be phoned in or brought in for immediate assistance, with message following within the 48-hour time frame.

Performance Measures	<u>GO</u>	<u>NO GO</u>
5. The MSC acknowledged receipt and began screening stocks within 24 hours of the report.	—	—
6. Kept one copy of the SF Form 368 until the Army screening point closed the case.	—	—
7. Sent one copy of the SF Form 368 to the support maintenance activity.	—	—
NOTE: Send SF Form 368 even if--		
a. Correspondence indicates the problem is known to exist.		
b. Other units send in a QDR on the same problem.		
8. Identified defective equipment as exhibits.	—	—
9. Retained QDR exhibits in accordance with DA Pam 738-750.	—	—
10. Followed disposition instructions received from the MSC action office responsible for the exhibits.	—	—
NOTE: Follow steps 11-18 for preparation of QDRs on aviation equipment.		
11. Identified any of the following conditions that indicated an aviation quality deficiency existed in accordance with DA Pam 738-751, Chapter 3.	—	—
a. A condition involving personnel safety or safety of flight (SOF) as defined in AR 95-1.		
b. Suspected or confirmed materiel failure that caused a Class A, B, C, D, or E aircraft mishap.		
c. Materiel failure or fault that would cause a hazard to personnel or equipment or hinder safe completion of the mission.		
d. Equipment did not work properly because of bad design and/or materiel or low-quality workmanship during manufacture, modification, conversion, repair, overhaul, or rebuild.		
e. Environmental conditions that caused the failure of aircraft or aviation associated equipment, to include mission related equipment, components and modules, repair parts, systems, and/or subsystems.		
f. During initial test or use, found a defective stock funding of depot level repairables (SFDLR) item, and such defect was not caused by user accident, misuse, improper installation, and/or operation, unauthorized repair, or alteration.		
12. Identified deficiencies as Category I or Category II.	—	—
a. Identified any of the following as a Category I deficiency.		
(1) An unsafe condition, operation, or maintenance procedure for aircraft, mission related equipment, component and module, or repair part whose use was critical to airworthiness.		
(2) Any failure that could be expected to cause loss of the aircraft and/or serious injuries to the aircrew or ground personnel.		
(3) The reason for failure, identified or suspected, did not provide enough warning for the aircrew to complete a safe landing, and it was reasonable to assume that the problem could be present in other aircraft of the mission, design, and series (MDS).		
(4) Incorrect or missing data in technical publications that may have caused a hazardous operational or maintenance problem.		
b. Identified as a Category II deficiency any defect that did not meet the criteria for a Category I deficiency.		
13. Prepared SF Form 368 for Category I or Category II deficiency in accordance with DA Pam 738-751, Chapter 3.	—	—
14. Submitted a Category I or Category II report in accordance with DA Pam 738-751.	—	—

Performance Measures	<u>GO</u>	<u>NO GO</u>
15. Distributed file copies of the SF Form 368 in accordance with DA Pam 738-751. NOTE: Send SF Form 368 even if -- a. Manufacturer representatives have shown that they are aware of the problem. b. Another unit within your command has already sent a deficiency report on the same problem.	—	—
16. Identified defective equipment as exhibits.	—	—
17. Received acknowledgment of receipt of Category I report within 48 hours or Category II report within 7 days from Aviation and Missile Command (AMCOM). The acknowledgement included the disposition instructions for exhibits.	—	—
18. Followed disposition instructions received from the AMCOM action office for the exhibits.	—	—

Evaluation Guidance: Score the soldier GO if all performance measures are performed correctly. Score the soldier NO-GO if any performance measure was performed incorrectly. If the soldier fails any performance measure, show the soldier what was done wrong and how to perform it correctly.

References

Required

- AR 725-50
- AR 95-1
- DA FORM 2404
- DA FORM 2407
- DA PAM 738-750
- DD FORM 1575
- DD FORM 2332
- SF FORM 368
- TB 43-0001-SERIES

Related

- AR 702-7
- AR 702-7-1
- DA PAM 738-751

**Submit Equipment Improvement Recommendation (EIR)
093-SSG-3005**

Conditions: You have found a better way to repair a piece of electronic equipment. Given the following, submit an equipment improvement recommendation (EIR): AR 672-20, DA Pam 738-750, and SF Form 368. This task can be performed in a field or garrison environment.

Standards: Prepared the appropriate report forms for a recommended equipment improvement and checked AR 672-20 to see if the EIR qualified as a suggestion.

Performance Measures	<u>GO</u>	<u>NO GO</u>
1. Identified conditions that indicated a need to improve the performance and/or maintenance of equipment:	—	—
a. A condition in or with the equipment that was dangerous to people, other equipment, or the mission.		
b. An item or piece of equipment that did not work right or last as long as it should because of bad design or materials.		
c. Items that were not within the approved equipment specifications.		
d. Low quality workmanship.		
e. Dangerous situations due to incorrect or missing data.		
f. Maintenance problems.		
g. Conditions that prevented using the equipment.		
h. Repeated problems that took a lot of time with no solutions in sight.		
i. Problems requested to be reported by the national maintenance point (NMP).		
2. Reported Category I or Category II recommendations for improvements.	—	—
a. Reported Category I recommendations for any of the following improvements.		
(1) Improvements that prevent death, injury, or severe job illness.		
(2) Improvements that prevent loss or major damage to equipment.		
(3) Improvements that will affect the combat readiness capabilities of the unit.		
b. Reported as a Category II recommendation any recommendation that does not meet the criteria of a Category I equipment improvement recommendation.		
3. Sent in a Category I or Category II equipment improvement recommendation.	—	—
a. Prepared SF Form 368 in accordance with DA Pam 738-750, Chapter 11.		
b. Sent a message within 48 hours (Category I recommendation) or 5 days (Category II recommendation) after defect or problem was found.		
c. Kept one copy of the SF Form 368 until the Army screening point closed the case.		
d. Sent one copy of the SF Form 368 to the support maintenance activity.		
4. Checked AR 672-20 to see if the EIR qualified as a suggestion.	—	—

Evaluation Guidance: Score the soldier GO if all performance measures are performed correctly. Score the soldier NO-GO if any performance measure was performed incorrectly. If the soldier fails any performance measure, show the soldier what was done wrong and how to perform it correctly.

References

Required

AR 672-20
DA PAM 738-750
SF FORM 368

Related

DA PAM 738-751

Plan Work Flow
093-SSG-3006

Conditions: Perform this task given DA Form 2407s or DA Form 5990-Es (Maintenance Requests)/job packets with various issue priority designators, a visible index file showing the shop workload summary, and TM 38-L09-11. This task can be performed in a field or garrison environment.

Standards: Distributed all DA Form 2407s or DA Form 5990-Es/job packets by issue priority designators, highest priorities first. Ensured the visible index file was up to date, legible, and complete according to TM 38-L09-11.

Performance Measures	<u>GO</u>	<u>NO GO</u>
1. Arranged the DA Form 2407s/DA Form 5990-Es/job packets by issue priority designators, highest priorities first.	—	—
2. Used the DA Form 2407s/DA Form 5990-Es/job packets in the same order to assign jobs to repairers.	—	—
3. Monitored the work as the jobs went through the repair process.	—	—
4. Assigned new jobs to the repairers as they completed those assigned.	—	—
5. Reviewed all paperwork within the job packets for completeness.	—	—
6. Updated the visible index file.	—	—

Evaluation Guidance: Score the soldier GO if all performance measures are performed correctly. Score the soldier NO-GO if any performance measure was performed incorrectly. If the soldier fails any performance measure, show the soldier what was done wrong and how to perform it correctly.

References

Required

DA FORM 2407
DA FORM 5990-E
TM 38-L09-11

Related

DA FORM 2407-1
DA PAM 738-750
DA PAM 738-751
FM 4-30.3

**Direct Performance of Preventive Maintenance
093-SSG-3007**

Conditions: Perform this task given personnel to perform preventive maintenance, DA Form 2408-14 (Uncorrected Fault Record), DA Form 2404 or DA Form 5988-E (Equipment Inspection and Maintenance Worksheet), DD Form 314 (Preventive Maintenance Schedule and Record), DA PAM 738-750, DA PAM 738-751, and Vehicle -10 series technical manuals. This task can be performed in a field or garrison environment.

NOTE: All the information from DA Form 2408-14 is now included in DA Form 5988-E.

Standards: Performed all preventive maintenance checks and services (PMCS) according to the applicable -10 series technical manuals. Completed DA Form 2404 or DA Form 5988-E, DA Form 2408-14, and DD Form 314 according to DA PAM 738-750 or DA PAM 738-751.

Performance Measures	<u>GO</u>	<u>NO GO</u>
1. Coordinated with the motor pool section prior to performing section/shop vehicle PMCS.	—	—
2. Reviewed the DD Form 314 and the applicable -10 series technical manuals to conduct weekly vehicle PMCS.	—	—
3. Identified hazards to the environment before starting preventive maintenance.	—	—
4. Assigned jobs and ensured that repairers knew what PMCS must be performed.	—	—
5. Spot-checked the work being performed and ensured that the repairers were using the applicable technical manuals.	—	—
6. Assessed the probability of environmental damage/violations using environmental risk assessment matrices during preventive maintenance.	—	—
7. Spot-checked corrective actions taken for all defects listed on DA Form 2404.	—	—
8. Coordinated with the maintenance sergeant to repair vehicles requiring services beyond the driver's responsibility. <ul style="list-style-type: none"> a. Ensured the repairer placed a drip pan under any equipment leaking fluids onto the ground. b. Made sure parts needed for repair that were not available were entered on DA Form 5988-E or DA Form 2408-14. 	—	—
9. Checked the DD Form 314 for correctness.	—	—
10. Reported vehicle status to section/shop supervisor.	—	—
11. Briefed the chain of command on any observed environmental potentially high-risk areas during preventive maintenance.	—	—

Evaluation Guidance: Score the soldier GO if all performance measures are performed correctly. Score the soldier NO-GO if any performance measure was performed incorrectly. If the soldier fails any performance measure, show the soldier what was done wrong and how to perform it correctly.

References

Required

DA FORM 2404
DA FORM 2408-14
DA FORM 5988-E
DA PAM 738-750
DA PAM 738-751
DD FORM 314

Related

AR 200-1
DA PAM 200-1
FM 4-30.3
TC 3-34.489

Provide Technical Assistance to Repairers

093-SSG-3008

Conditions: A repairer in the electronics/avionics maintenance shop requires technical assistance. Provide needed assistance given DA Form 2404 or DA Form 5988-E, DA Form 2407 or DA Form 5990-E, DA Pam 738-750, DA Pam 738-751, and TB 385-4. This task can be performed in a field or garrison environment.

Standards: Provided technical assistance that enabled the repairer to perform the repair procedures correctly.

Performance Measures	<u>GO</u>	<u>NO GO</u>
1. Determined the type of assistance needed by the repairer, such as isolating the malfunction, repairing the malfunction, or making proper entries on the paperwork.	—	—
2. Reviewed DA Form 2404 or DA Form 5988-E and DA Form 2407 or DA Form 5990-E to determine reason for maintenance or repair.	—	—
3. Verified repairer observed WARNING, CAUTION, and NOTE statements in applicable references and observed all safety precautions.	—	—
4. Reviewed the repair procedures performed by the repairer.	—	—
5. Provided technical assistance to the repairer.	—	—
6. Counseled repairer on areas of technical weakness.	—	—
7. Recommended technical material and training to increase repairer's expertise.	—	—

Evaluation Guidance: Score the soldier GO if all performance measures are performed correctly. Score the soldier NO-GO if any performance measure was performed incorrectly. If the soldier fails any performance measure, show the soldier what was done wrong and how to perform it correctly.

References

Required

- DA FORM 2404
- DA FORM 2407
- DA FORM 5988-E
- DA FORM 5990-E
- DA PAM 738-750
- DA PAM 738-751
- TB 385-4

Related

**Perform Initial Inspections
093-SSG-3009**

Conditions: Given the applicable technical manuals, the equipment to be inspected, DA Form 2404 or DA Form 5988-E, DA Form 2407 or DA Form 5990-E, DA Pam 738-750, and DA Pam 738-751. This task can be performed in a field or garrison environment.

Standards: Performed the initial inspection by ensuring that the equipment was repairable according to the applicable technical manuals, all defects had been found, and all maintenance forms had been completed according to DA Pam 738-750 or DA Pam 738-751.

Performance Measures	<u>GO</u>	<u>NO GO</u>
1. Checked submitted paperwork for completeness and accuracy.	—	—
2. Inspected the equipment for physical damage and determined if it was feasible to repair the equipment.	—	—
3. Ensured that operator maintenance had been performed on the equipment.	—	—
4. Inventoried the equipment to ensure that it was complete.	—	—
5. Ensured that all modification work orders (MWOs) had been completed.	—	—
6. Performed self-tests or checks on the equipment, if necessary.	—	—
7. Recorded all defects or reasons for rejecting the equipment on DA Form 2404 or DA Form 5988-E.	—	—

Evaluation Guidance: Score the soldier GO if all performance measures are performed correctly. Score the soldier NO-GO if any performance measure was performed incorrectly. If the soldier fails any performance measure, show the soldier what was done wrong and how to perform it correctly.

References

Required

DA FORM 2404
 DA FORM 2407
 DA FORM 5988-E
 DA FORM 5990-E
 DA PAM 738-750
 DA PAM 738-751

Related

DA PAM 750-1
 FM 4-30.3
 TM 750-245-4

Perform Final Inspections
093-SSG-3010

Conditions: Given the applicable technical manuals, the equipment to be inspected, DA Form 2404 or DA Form 5988-E, DA Form 2407 or DA Form 5990-E, DA Pam 738-750, and DA Pam 738-751. This task can be performed in a field or garrison environment.

Standards: Performed final inspection. Ensured that the equipment was complete according to the applicable technical manuals, all defects identified in previous inspections had been corrected, any additional defects had been recorded on DA Form 2404 or DA Form 5988-E, and all forms had been completed according to DA Pam 738-750 or DA Pam 738-751.

Performance Measures	<u>GO</u>	<u>NO GO</u>
1. Checked the equipment to determine if it was complete and that all defects found on the initial and in-process inspections had been corrected.	—	—
2. Ensured that all forms and records were complete and correct.	—	—
3. Recorded any additional defects on DA Form 2404 or DA Form 5988-E and returned the equipment to production control.	—	—
4. Signed and dated DA Form 2407 or DA Form 5990-E when the equipment passed inspection.	—	—

Evaluation Guidance: Score the soldier GO if all performance measures are performed correctly. Score the soldier NO-GO if any performance measure was performed incorrectly. If the soldier fails any performance measure, show the soldier what was done wrong and how to perform it correctly.

References

Required

- DA FORM 2404
- DA FORM 2407
- DA FORM 5988-E
- DA FORM 5990-E
- DA PAM 738-750
- DA PAM 738-751

Related

- DA PAM 750-1
- FM 4-30.3
- TM 750-245-4

Perform In-Process Inspections
093-SSG-3012

Conditions: Given applicable inspection forms, a repairer performing repairs on equipment, applicable technical manuals, DA Pam 738-750, and DA Pam 738-751. This task can be performed in a field or garrison environment.

Standards: Performed in-process inspection. Ensured that the proper tools and equipment were being used and all safety rules and warnings were followed according to the applicable technical manuals. Completed all forms according to DA Pam 738-750 or DA Pam 738-751. Reported inspection results.

Performance Measures	<u>GO</u>	<u>NO GO</u>
1. Ensured that the proper tools and equipment were used.	—	—
2. Ensured that the proper repair procedures were followed.	—	—
3. Ensured that only authorized repair parts and supplies were used.	—	—
4. Ensured that only authorized repairs were performed on the equipment.	—	—
5. Ensured that only authorized personnel made the repairs.	—	—
6. Ensured that all safety rules and warnings were followed.	—	—
7. Ensured that all forms were filled out correctly.	—	—
8. Made an oral or written report of the inspection to the repair section chief and the quality control section supervisor.	—	—

Evaluation Guidance: Score the soldier GO if all performance measures are performed correctly. Score the soldier NO-GO if any performance measure was performed incorrectly. If the soldier fails any performance measure, show the soldier what was done wrong and how to perform it correctly.

References

Required

DA PAM 738-750
DA PAM 738-751

Related

FM 4-30.3
TM 750-245-4

Subject Area 4: Maintenance Management I

**Inspect Section/Shop Safety
093-SSG-3001**

Conditions: Perform this task given a requirement to inspect an electronics or avionics maintenance shop area and given AR 40-5, AR 385-10, DA Pam 40-501, DA Pam 385-1, TB 385-3, TB 385-4, TB Med 523, unit and local standing operating procedures (SOPs), and unit safety checklist. This task can be performed in a field or garrison environment.

Standards: Conducted inspection to ensure that all Army, company, and maintenance shop safety policies, regulations, and local SOPs were followed; all safety hazards were identified; environmental risk assessment to determine high risks areas was performed, and all deficiencies were corrected. Established an inspection schedule covering what to inspect and how frequently. Recorded deficiencies and recommended corrective actions; retained these reports to check progress. Followed up to ensure deficiencies had been corrected.

Performance Measures	<u>GO</u>	<u>NO GO</u>
1. Reviewed the Army, company, and maintenance shop safety policies, regulations, and local SOPs.	—	—
2. Ensured that all of the Army safety references and company and maintenance shop SOPs were being followed.	—	—
3. Planned inspections so that all areas were covered periodically. <ul style="list-style-type: none"> a. Identified hazards to the environment prior to the inspection process. b. Assessed the probability of environmental damage/violations using environmental risk-assessment matrices before the inspection process. 	—	—
4. Scheduled the inspection so that normal operations were disrupted as little as possible.	—	—
5. Inspected areas with the greatest potential for accident severity and those having the highest accident frequency more frequently.	—	—
6. Developed a suitable checklist of items to be inspected in accordance with AR 385-10, AR 40-5, DA Pam 40-501, DA Pam 385-1, TB 385-3, TB 385-4, TB Med 523, and maintenance section/shop SOPs.	—	—
7. Inspected the maintenance section/shop to ensure that all test equipment calibration dates were current.	—	—
8. Inspected the maintenance section/shop to ensure that all equipment and benches were properly grounded.	—	—
9. Inspected the maintenance section/shop to ensure that a mounted safety board was present.	—	—
10. Inspected the maintenance section/shop to ensure that rubber floor mats or similar insulating materials were provided for each repair position.	—	—
11. Inspected the maintenance section/shop to ensure that all power attachments, plugs, and connectors were serviceable with no exposed parts carrying electric current except the prongs.	—	—
12. Inspected the maintenance section/shop to ensure that all physical and high-voltage hazards had been identified.	—	—

Performance Measures	<u>GO</u>	<u>NO GO</u>
13. Inspected the maintenance section/shop to ensure it was complying with host nation, local, state, and federal environmental laws and regulations.	—	—
14. Briefed the chain of command on the results, potential high-risk areas, and recommendations from the safety inspection.	—	—
15. Identified all safety hazards and took corrective action.	—	—
16. Ensured that any deficiencies found were corrected.	—	—

Evaluation Guidance: Score the soldier GO if all performance measures are performed correctly. Score the soldier NO-GO if any performance measure was performed incorrectly. If the soldier fails any performance measure, show the soldier what was done wrong and how to perform it correctly.

References

Required

AR 385-10
 AR 40-5
 DA PAM 385-1
 DA PAM 40-501
 TB 385-3
 TB 385-4
 TB MED 523

Related

AR 200-1
 AR 385-40
 DA PAM 200-1
 FM 3-04.500
 FM 4-30.3
 TB 43-0129
 TC 3-34.489

**Manage Section/Shop Security
093-SSG-3002**

Conditions: Given AR 25-2, AR 190-13, AR 380-5, AR 380-40, DA PAM 190-51, FM 3-19.30, and local and unit standing operating procedures (SOPs). This task can be performed in a field or garrison environment.

Standards: Ensured that all Army security policies and regulations and the maintenance shop and local SOPs were followed. Identified and reported all security deficiencies and ensured that all deficiencies were corrected.

Performance Measures	<u>GO</u>	<u>NO GO</u>
1. Reviewed all of the Army security policies and regulations and the maintenance shop and local SOPs.	—	—
2. Ensured a work place risk analysis was performed.	—	—
3. Ensured that physical security policies, regulations, and SOPs were followed.	—	—
4. Ensured that classification and marking policies were followed.	—	—
5. Ensured that all security control policies and regulations were followed.	—	—
6. Ensured that personnel security and signal training policies were followed: <ul style="list-style-type: none"> a. Initial security training and briefing for newly assigned personnel. b. Refresher security training for assigned personnel. c. Procedures for identifying and reporting insecurities. 	—	—
7. Ensured that signal security (SIGSEC) policies and regulations were followed: <ul style="list-style-type: none"> a. Ensured subordinates followed all Army and unit policies and regulations covering communications security (COMSEC) procedures. b. Ensured subordinates followed all Army and unit policies and regulations covering electronics security (ELSEC) procedures. 	—	—
8. Identified and reported all security deficiencies and ensured that all deficiencies were corrected.	—	—

Evaluation Guidance: Score the soldier GO if all performance measures are performed correctly. Score the soldier NO-GO if any performance measure was performed incorrectly. If the soldier fails any performance measure, show the soldier what was done wrong and how to perform it correctly.

References

Required	Related
AR 190-13	AR 5-12
AR 25-2	DA PAM 25-380-2
AR 380-40	FM 24-33
AR 380-5	FM 34-60
DA PAM 190-51	FM 4-30.3
FM 3-19.30	

**Maintain Section/Shop Calibration Program
093-SSG-3003**

Conditions: Given the maintenance section/shop calibration program, to include test, measurement, and diagnostic equipment (TMDE) master listing for the program; DA Form 3758-R (Calibration and Repair Requirements Worksheet); DA Label 80 (US Army Calibrated Instrument); TB 43-180; TB 750-25; and company standing operating procedures (SOPs). This task can be performed in a field or garrison environment.

Standards: Maintained a master listing for all calibrated equipment assigned to the maintenance section/shop in accordance with TB 43-180, TB 750-25, and company SOPs. Reviewed the section/shop calibration listing for equipment due calibration on a monthly basis and updated status of all calibration equipment still turned in to the calibration support unit.

Performance Measures	<u>GO</u>	<u>NO GO</u>
1. Identified all equipment listed on section/shop hand receipts that might require a calibration label: <ul style="list-style-type: none"> a. Test equipment. b. Equipment modules. c. Dummy loads. d. Voltage test probes. e. Radiation detection, indication, and computation (RADIAC) equipment. f. Motor pool equipment. g. Power supplies. 	—	—
2. Determined which equipment identified was listed in TB 43-180: <ul style="list-style-type: none"> a. Equipment that required calibration. b. Calibration not required (CNR) equipment. 	—	—
3. Prepared DA Form 3758-R if any new equipment not listed in TB 43-180 required calibration.	—	—
4. Maintained a master listing for all calibrated items in the maintenance section/shop.	—	—
5. Scheduled equipment for calibration: <ul style="list-style-type: none"> a. Staggered like equipment, when possible, so that equipment was always available on site. b. Assigned a higher priority for critical TMDE, when necessary. c. Scheduled plug-in modules and accessories for calibration with the major piece of equipment. d. Reviewed signature cards and orders, as required locally, to update customer files and for the first appointment. 	—	—
6. Prepared CNR labels for remaining equipment, as required.	—	—
7. Turned in/picked up equipment from the calibration facility: <ul style="list-style-type: none"> a. Turned in equipment with a minimum of accessories and covers. b. Obtained signed and dated receipt for equipment. c. Inspected equipment for damage and accessories before signing. d. Obtained calibration listings when available. 	—	—
8. Updated calibration listing: <ul style="list-style-type: none"> a. Verified calibration due dates. b. Deleted entries. c. Added entries. 	—	—

Performance Measures

GO **NO GO**

9. Maintained a temporary storage area for calibrate before use (CBU) equipment: _____ _____
- a. Identified CBU equipment as appropriate.
 - b. Identified a limited access storage area.
 - c. Prepared DA Label 80 for CBU.
 - d. Updated calibration listing for CBU items.
 - e. Stored equipment until required.
 - f. Had equipment calibrated prior to use.

Evaluation Guidance: Score the soldier GO if all performance measures are performed correctly. Score the soldier NO-GO if any performance measure was performed incorrectly. If the soldier fails any performance measure, show the soldier what was done wrong and how to perform it correctly.

References

Required

DA FORM 3758-R
 DA LABEL 80
 TB 43-180
 TB 750-25

Related

**Write a Standing Operating Procedure (SOP)
093-SSG-3011**

Conditions: Given the unit's old standing operating procedure (SOP), AR 750-1, DA PAM 600-67, FM 4-30.3 (FM 9-43-1), FM 24-16, FM 5-0, and TC 43-4. This task can be performed in a field or garrison environment.

Standards: Wrote an SOP that was reviewed by the supervisor/commander and approved by the commander/supervisor. Implemented all recommended changes.

Performance Measures	<u>GO</u>	<u>NO GO</u>
1. Developed a basic SOP format to ensure it met organization/element specific needs and/or requirements for the maintenance facility: a. Purpose statement. b. Scope statement. c. Organization statement. d. Conformity statement. e. References. f. Annexes.	—	—
2. Included guidance in the SOP on the following as they pertained only to the maintenance facility: a. Personnel administration. b. Security. c. Security and intelligence. d. Area security. e. Physical security of weapons and property. f. Safety program. g. Maintenance operations. h. Management of hand receipts. i. Standard warnings. j. Alert procedures. k. Nuclear, biological and chemical (NBC) warfare. l. Defense against nuclear attack. m. Logistics. n. Motor pool operations. o. Motor movement and traffic control. p. Tactical operations.	—	—
3. Ensured that all references used were current.	—	—
4. Staffed the draft through the supervisor/commander.	—	—
5. Implemented any approved SOP changes.	—	—
6. Had the supervisor/commander sign the final version of the SOP.	—	—

Evaluation Guidance: Score the soldier GO if all performance measures are performed correctly. Score the soldier NO-GO if any performance measure was performed incorrectly. If the soldier fails any performance measure, show the soldier what was done wrong and how to perform it correctly.

References

Required

AR 750-1
DA PAM 600-67
FM 24-16
FM 4-30.3
FM 5-0
TC 43-4

Related

Maintain Property Accountability
093-SSG-3013

Conditions: Perform this task given a quarterly review of all hand receipts with hand receipt holders in the maintenance section/shop, issued new equipment, and tagged unserviceable equipment for turn-in; AR 25-400-2, AR 710-2, DA Form 2062 (Hand Receipt/Annex Number), DA Pam 710-2-1, hand receipts, applicable equipment, and applicable technical manuals. This task can be performed in a field or garrison environment.

Standards: Issued supplies and equipment to hand receipt holders while maintaining property and supply accountability.

Performance Measures	<u>GO</u>	<u>NO GO</u>
1. Notified hand receipt holders of quarterly inventory.	—	—
2. Reviewed file copies of all hand receipts and signature cards for each maintenance section/shop.	—	—
3. Assembled all new equipment to be issued into separate groups for issuing to hand receipt holders during the quarterly inventory.	—	—
4. Issued new equipment to hand receipt holders before inventorying.	—	—
5. Inventoried hand receipts.	—	—
6. Updated each hand receipt holder's equipment shortage list, as needed.	—	—
7. Ensured that only authorized personnel on the hand receipt holder signature card signed the hand receipt.	—	—
8. Ensured that all forms were filled out correctly.	—	—
9. Filed hand receipts in appropriate hand receipt holder files.	—	—

Evaluation Guidance: Score the soldier GO if all performance measures are performed correctly. Score the soldier NO-GO if any performance measure was performed incorrectly. If the soldier fails any performance measure, show the soldier what was done wrong and how to perform it correctly.

References

Required

- AR 25-400-2
- AR 710-2
- DA FORM 2062
- DA PAM 710-2-1

Related

**Assess Battlefield Damage
093-SSG-3014**

Conditions: Supervise the performance of an organizational maintenance team or a direct support (DS) maintenance support team (MST) performing battlefield assessment. Given a disabled vehicle or equipment; repairers to assess the equipment; applicable technical manuals -10, -20, -30, repair parts manuals, and tool kits; DA Form 2404 or DA Form 5988-E, DA Form 2407 or DA Form 5990-E, DA PAM 738-750, DA PAM 738-751, DD Form 1577 (Unserviceable (Condemned) Tag - Materiel), DD Form 1577-1 (Unserviceable (Condemned) Label - Materiel), DD Form 1577-2 (Unserviceable (Repairable) Tag - Materiel), DD Form 1577-3 (Unserviceable (Repairable) Label - Materiel), FM 4-30.3 (FM 9-43-1), and FM 9-43-2. This task can be performed in a field or garrison environment.

Standards: Supervised the organizational maintenance team or DS MST that identified and performed repairs needed to restore a disabled piece of equipment to the minimum essential combat capabilities necessary to support a specific combat mission or to enable the equipment to self-recover. Completed all required paperwork according to DA Pam 738-750, DA Pam 738-751, FM 4-30.3 (FM 9-43-1), and FM 9-43-2.

Performance Measures	<u>GO</u>	<u>NO GO</u>
1. Briefed the organizational maintenance team or DS MST on the upcoming mission to assess battlefield damage: <ul style="list-style-type: none"> a. Identified point of contact at unit/site. b. Identified the equipment that was to be assessed for battlefield damage. c. Identified the equipment that was needed for the upcoming mission. d. Explained logistics support. e. Planned primary and secondary routes to unit. f. Ensured team received a copy of supported units' radio frequencies and call signs. 	—	—
2. Monitored assigned personnel to the team according to their qualifications and availability to meet the mission needs.	—	—
3. Arranged for transportation to the site.	—	—
4. Ensured that the proper battlefield assessment procedures were followed: <ul style="list-style-type: none"> a. Reviewed the operator/crew assessment and the safety checks made. b. Interviewed the operator/crew, if available. c. Conducted visual inspection. d. Performed self-test. e. Tested equipment with the organizational/direct support maintenance equipment. 	—	—
5. Ensured the MST provided technical assistance to the organizational maintenance team, as required.	—	—
6. Ensured the MST prioritized repairs according to battlefield damage time guidelines.	—	—

Performance Measures

GO **NO GO**

- | | |
|--|---------------------------|
| <p>7. Ensured that all required maintenance forms were filled out correctly in accordance with DA Pam 738-750 and DA Pam 738-751:</p> <ul style="list-style-type: none"> a. DA Form 2404 or DA Form 5988-E. b. DA Form 2407 or DA Form 5990-E. c. DD Form 1577. d. DD Form 1577-1. e. DD Form 1577-2. f. DD Form 1577-3. <p>8. Ensured a system assessment summary was filled out correctly and turned in.</p> | <p>_____</p> <p>_____</p> |
|--|---------------------------|

Evaluation Guidance: Score the soldier GO if all performance measures are performed correctly. Score the soldier NO-GO if any performance measure was performed incorrectly. If the soldier fails any performance measure, show the soldier what was done wrong and how to perform it correctly.

References

Required

- DA FORM 2404
- DA FORM 2407
- DA FORM 5988-E
- DA FORM 5990-E
- DA PAM 738-750
- DA PAM 738-751
- DD FORM 1577
- DD FORM 1577-1
- DD FORM 1577-2
- DD FORM 1577-3
- FM 4-30.3
- FM 9-43-2

Related

- FM 4-30.3
- TM 750-245-4

**Manage Demand Supported Repair Parts Listed on the Prescribed Load List (PLL)
093-SSG-3015**

Conditions: Conduct this task during the normal performance of your daily duties within an electronics/avionics maintenance shop. Manage demand-supported repair parts for an electronics/avionics maintenance shop given AR 710-2, DA PAM 710-2-1, DA Form 2063-R (Prescribed Load List), DA Form 2064 (Document Register for Supply Actions), DA Form 3318 (Records of Demands-Title Insert), copy of Federal Logistics (FEDLOG) discs, unit's initial mandatory parts list (IMPL), unit's prescribed load list (PLL), and technical parts manuals. This task can be performed in a field or garrison environment.

Standards: Completed review and corrected the PLL in accordance with the equipment technical parts manual, AR 710-2, and DA PAM 710-2-1 for the electronics/avionics repair parts listed on the PLL.

Performance Measures	<u>GO</u>	<u>NO GO</u>
1. Reviewed the units PLL for electronics/avionics maintenance shop's repair parts.	—	—
2. Verified that the electronics/avionics shop's repair parts qualify to be on the PLL list.	—	—
3. Reviewed demand-supported unit maintenance repair parts documents and ensured they met the following: <ul style="list-style-type: none"> a. Three demands were made within the control period of 180 days for Active Army. b. Parts are essential and have a maintenance use code of "O" (except for nontactical telecommunications systems, air traffic control, or lifesaving systems). 	—	—
4. Reviewed non-demand-supported unit maintenance repair parts documents and ensured they met the following: <ul style="list-style-type: none"> a. Approval by the first general officer staff level in the chain of command required in order to stock. b. Parts essential, with a maintenance use code of "O" (except for nontactical telecommunications systems, air traffic control, or lifesaving systems). 	—	—
5. Reviewed the initial stockage of repair parts for newly introduced end items as identified by the support list allowance card (SLAC) deck: <ul style="list-style-type: none"> a. The stockage level will not be reduced the first year. b. If the end item is under warranty, the first year (as stipulated above) will begin upon expiration of warranty. 	—	—
6. Reviewed the mandatory stockage of repair parts as identified in the IMPL.	—	—

Evaluation Guidance: Score the soldier GO if all performance measures are performed correctly. Score the soldier NO-GO if any performance measure was performed incorrectly. If the soldier fails any performance measure, show the soldier what was done wrong and how to perform it correctly.

References

<p>Required AR 710-2 DA FORM 2063-R DA FORM 2064 DA FORM 3318 DA PAM 710-2-1 FEDLOG</p>	<p>Related FM 4-30.3</p>
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**Monitor Bench Stock Operations
093-SSG-3016**

Conditions: Perform this task given AR 710-2, DA PAM 710-2-2, and a copy of Federal Logistics (FEDLOG) discs. This task can be performed in a field or garrison environment.

Standards: Maintained bench stock in accordance with AR 710-2 and DA PAM 710-2-2.

Performance Measures	<u>GO</u>	<u>NO GO</u>
1. Ensured that the bench stock was made up of low-cost expendable items.	—	—
2. Ensured that the bench stock was stored near the work area.	—	—
3. Ensured that bench stock replenishment tags and lists were maintained with the bench stock.	—	—
4. Ensured that bench stock was ordered on a prescribed schedule or as needed.	—	—
5. Ensured that the bench stock was ordered under the correct urgency of need designator (UND).	—	—
6. Ensured that the bench stock was reviewed semiannually.	—	—

Evaluation Guidance: Score the soldier GO if all performance measures are performed correctly. Score the soldier NO-GO if any performance measure was performed incorrectly. If the soldier fails any performance measure, show the soldier what was done wrong and how to perform it correctly.

References

Required

AR 710-2
DA PAM 710-2-2
FEDLOG

Related

**Monitor Shop Stock Operations
093-SSG-3017**

Conditions: Perform this task given a current copy of the shop stock list, AR 710-2, DA Pam 710-2-2, and a copy of Federal Logistics (FEDLOG) discs. This task can be performed in a field or garrison environment.

Standards: Maintained the shop stock according to AR 710-2 and DA Pam 710-2-2.

Performance Measures	<u>GO</u>	<u>NO GO</u>
1. Ensured repair parts and consumables listed on the shop stock met the criteria listed in AR 710-2 and DA Pam 710-2-2.	—	—
2. Ensured each item was demand supported.	—	—
3. Ensured stockage levels were developed in accordance with DA Pam 710-2-2.	—	—
4. Ensured excess stocks were turned in within 10 days of review.	—	—
5. Ensured replenishment of stock was based on the reorder point (ROP).	—	—
6. Ensured controlled cryptographic item (CCI) repair parts required by communications security (COMSEC) maintenance activities for diagnostic purpose were hand-receipted on temporary loan.	—	—
7. Ensured the shop stock was inventoried during the scheduled review period.	—	—
8. Ensured the shop stock list was signed by the unit commander and submitted to the supply support activity (SSA).	—	—

Evaluation Guidance: Score the soldier GO if all performance measures are performed correctly. Score the soldier NO-GO if any performance measure was performed incorrectly. If the soldier fails any performance measure, show the soldier what was done wrong and how to perform it correctly.

References

Required
AR 710-2
DA PAM 710-2-2
FEDLOG

Related

**Inspect Maintenance Support Team Operations
093-SSG-3019**

Conditions: Perform this task given the necessary personnel to perform an electronics/avionics maintenance support team (MST) operation, DA Pam 611-21, DA Pam 738-750, DA Pam 738-751, and FM 4-30.3 (FM 9-43-1). This task can be performed in a field or garrison environment.

Standards: Ensured the correct military occupational specialty holders were assigned to a support team, briefed, and provided with transportation.

Performance Measures	<u>GO</u>	<u>NO GO</u>
1. Monitored assigned personnel according to their qualifications and availability.	—	—
2. Arranged for transportation to the site.	—	—
3. Briefed the support team on mission requirements.	—	—
a. Identified point of contact at unit.		
b. Identified equipment needed for the support mission.		
c. Explained logistics support.		
d. Planned primary and secondary routes to unit.		
e. Ensured team received a copy of supported units' radio frequencies and call signs.		
4. Provided technical assistance to the support team as required.	—	—
5. Ensured that all maintenance forms were filled out correctly.	—	—

Evaluation Guidance: Score the soldier GO if all performance measures are performed correctly. Score the soldier NO-GO if any performance measure was performed incorrectly. If the soldier fails any performance measure, show the soldier what was done wrong and how to perform it correctly.

References

Required

DA PAM 611-21
DA PAM 738-750
DA PAM 738-751
FM 4-30.3

Related

FM 3-25.26

**Inspect Maintenance Reporting and Management Data
093-SSG-3020**

Conditions: As a senior repairer, one of your responsibilities is to inspect the paperwork used in an electronics/avionics maintenance facility. You must inspect and manage all of the maintenance forms and records used in reporting the maintenance status of equipment repaired in the maintenance facility. If needed, the following forms, records, and publications will be available for each piece of equipment job-ordered: DA Form 2402 (Exchange Tag), DA Form 2404, DA Form 2405 (Maintenance Request Register), DA Form 2407, DA Form 2407-1 (Maintenance Request Continuation Sheet), DA Form 2408-12 (Army Aviator's Flight Record), DA Form 2408-13 (Aircraft Status Information Record), DA Form 2408-13-1 (Aircraft Maintenance and Inspection Record), DA Form 2410 (Component Removal and Repair/Overhaul Record), DD Form 1574, DD Form 1574-1 (Serviceable Label - Materiel), DD Form 1575 (Suspended Tag - Materiel), DD Form 1575-1 (Suspended Label - Materiel), DD Form 1576 (Test/Modification Tag - Materiel), DD Form 1576-1 (Test/Modification Label - Materiel), DD Form 1577, DD Form 1577-1, DD Form 1577-2, DD Form 1577-3, DA PAM 738-750, and DA PAM 738-751. This task can be performed in a field or garrison environment.

Standards: Inspected the electronics/avionics maintenance forms and records for errors and forms missing from the job packets.

Performance Measures	<u>GO</u>	<u>NO GO</u>
1. Located closed-out and active job order packets within the electronics/avionics maintenance facility.	—	—
2. Matched all job-ordered equipment serial numbers with closed-out and active job packets within the electronics/avionics maintenance facility.	—	—
3. Ensured that all required forms and records were in the job order packets.	—	—
4. Verified that all forms and records within the job packets were properly completed.	—	—
5. Ensured that all discrepancies had been corrected.	—	—
6. Ensured that all forms and reports were distributed or filed in accordance with Department of the Army pamphlets and Army regulations.	—	—

Evaluation Guidance: Score the soldier GO if all performance measures are performed correctly. Score the soldier NO-GO if any performance measure was performed incorrectly. If the soldier fails any performance measure, show the soldier what was done wrong and how to perform it correctly.

References

Required

- DA FORM 2402
- DA FORM 2404
- DA FORM 2405
- DA FORM 2407
- DA FORM 2407-1
- DA FORM 2408-12
- DA FORM 2408-13
- DA FORM 2408-13-1
- DA FORM 2410
- DA PAM 738-750
- DA PAM 738-751
- DD FORM 1574

Related

- FM 4-30.3
- TM 38-L09-11

References

Required

DD FORM 1574
DD FORM 1574-1
DD FORM 1575
DD FORM 1575-1
DD FORM 1576
DD FORM 1576-1
DD FORM 1577
DD FORM 1577-1
DD FORM 1577-2
DD FORM 1577-3

Related

**Review SAMS-1 Reports
093-SSG-3021**

Conditions: Perform this task given Standard Army Maintenance System-Level 1 (SAMS-1) installed, completed set of required SAMS-1 reports and forms, Automated Information System Manual (AISM) 25-L21-AHN-ZZZ-EM, DA Pam 738-750, DA Pam 738-751, and FM 4-30.3 (FM 9-43-1). This task can be performed in a field or garrison environment.

NOTE: This task may be performed in a nuclear, biological, and chemical (NBC) environment.

Standards: Reviewed all required SAMS-1 reports and forms and corrected discrepancies according to AISM 25-L21-AHN-ZZZ-EM and DA Pam 738-750 or DA Pam 738-751. Filed all reports properly and forwarded copies, as required.

Performance Measures	<u>GO</u>	<u>NO GO</u>
1. Ensured that all required SAMS-1 reports and forms required for electronics/avionics maintenance operations were being used.	—	—
2. Reviewed new copies of all SAMS-1 reports and forms needed to run the electronics/avionics maintenance operations.	—	—
3. Compared the previous SAMS-1 reports and forms with the newly printed reports and forms for discrepancies.	—	—
4. Reviewed the new SAMS-1 reports and forms for discrepancies.	—	—
5. Ensured that all discrepancies were corrected.	—	—
6. Ensured that all SAMS-1 reports and forms were distributed or filed in accordance with Army regulations.	—	—

Evaluation Guidance: Score the soldier GO if all performance measures are performed correctly. Score the soldier NO-GO if any performance measure was performed incorrectly. If the soldier fails any performance measure, show the soldier what was done wrong and how to perform it correctly.

References

Required	Related
AISM 25-L21-AHN-ZZZ-EM	
DA PAM 738-750	
DA PAM 738-751	
FM 4-30.3	

Skill Level 4

Subject Area 5: Maintenance Management II

Manage a Shop Security Program

093-SFC-4101

Conditions: Given local standing operating procedures (SOPs), pencil or pen, AR 190-13, AR 190-51, AR 25-2, AR 530-1, and FM 3-19.30. This task can be performed in a field or garrison environment.

Standards: Reviewed the shop security program and made required corrections in accordance with required references.

Performance Measures	<u>GO</u>	<u>NO GO</u>
1. Enforced physical security.	—	—
a. Determined shop's mission essential or vulnerable areas (MEVAs). (AR 190-13, SOP)		
b. Determined minimum security standard. (AR 190-51)		
c. Identified physical and procedural measures in shop security program. (FM 3-19.30)		
d. Evaluated physical and procedural measures needed to maintain minimum security standard. (FM 3-19.30)		
e. Implemented needed changes to shop security program. (AR 190-51)		
2. Enforced information system security (INFOSEC). (AR 25-2, SOP)	—	—
a. Identified need for INFOSEC.		
b. Identified threat to information systems.		
c. Identified malicious logic and how it enters systems.		
d. Identified differences in handling classified and unclassified information.		
e. Identified roles and responsibilities.		
3. Implemented operations security (OPSEC) measures. (AR 530-1, SOP)	—	—
a. Ensured compliance with regulatory guidance.		
b. Demonstrated knowledge of OPSEC principles.		

Evaluation Guidance: Score the soldier GO if all performance measures are passed. Score the soldier NO-GO if any performance measure is failed. If the soldier fails any performance measure, show what was done wrong and how to do it correctly.

References

Required
 AR 190-13
 AR 190-51
 AR 25-2
 AR 530-1
 FM 3-19.30
 Local SOP

Related
 AR 380-15
 AR 380-40
 DA PAM 190-51
 FM 4-30.3
 SF FORM 700
 SF FORM 702
 TB 380-41

**Prepare Input to Materiel Condition Status Report
093-SFC-4103**

Conditions: Given AR 220-1, AR 700-138, DA Form 2406 (Materiel Condition Status Report), DA Form 3266-1 (Army Missile Materiel Readiness Report), DA Form 3266-2 (Missile Material Condition Status Report Worksheet), DA Pam 738-750, paper and pencil or pen. You also have access to data from DA Form 5986-E (Preventive Maintenance Schedule and Record) and DA Form 5990-E or equivalent (DD Form 314 and, DA Form 2407). This task can be performed in a field or garrison environment.

Standards: Prepared the Materiel Condition Status Report (MCSR) correctly using AR 700-138.

Performance Measures	<u>GO</u>	<u>NO GO</u>
1. Prepared input to DA Form 2406	_____	_____
a. Completed blocks 1 through 8. (Refer to AR 700-138)		
b. Completed columns 9a through 9e(3)(b). (Refer to AR 700-138 and maintenance forms)		
c. Completed columns 9f(1) through 9f(5), as locally prescribed.		
d. Completed block 10, as locally required.		
e. Completed block 11 (REMARKS), as required.		
f. Submitted for commander's signature.		
g. Completed block 12(b).		

NOTE: Ensure the date the report is signed is entered.

2. Prepared input to DA Form 3266-1	_____	_____
a. Entered applicable system operational data in Part 1. (Refer to AR 700-138)		
b. Entered data on missile equipment that was non-mission capable (NMC) during the reporting period in Part 2.		
c. Entered data on missile equipment that was NMC at the close of the reporting period in Part 3.		
d. Reviewed the form and corrected any errors.		
e. Submitted the completed DA Form 3266-1 to the correct agency.		

NOTE: This step is only performed in units performing missile maintenance.

Evaluation Guidance: Score the soldier GO if all performance measures are passed. Score the soldier NO-GO if any performance measure is failed. If the soldier fails any performance measure, show what was done wrong and how to do it correctly.

References

Required

- AR 220-1
- AR 700-138
- DA FORM 2406
- DA FORM 3266-1
- DA FORM 3266-2
- DA FORM 5986-E
- DA FORM 5990-E
- DA PAM 738-750

Related

- DA FORM 2407
- DD FORM 314

**Manage SAMS-1 System Administration
093-SFC-4104**

Conditions: Given Standard Army Maintenance System-Level 1 (SAMS-1) end user manual, local standing operating procedure (SOP), and TC 43-4. This task can be performed in a field or garrison environment.

Standards: Reviewed SAMS-1 administrative procedures for compliance with SAMS-1 end user manual and took required corrective action.

Performance Measures	<u>GO</u>	<u>NO GO</u>
1. Ensured the system access roster was current. (Automated Information System Manual (AISM) 25-L21-AHN-ZZZ-EM, and TC 43-4.)	—	—
2. Identified the SAMS-1 system senior operator.	—	—
3. Identified SAMS-1 problem reporting procedures.	—	—
4. Identified SAMS-1 data backup procedures.	—	—
5. Ensured the shop/personnel database was current.	—	—

Evaluation Guidance: Score the soldier GO if all performance measures are passed. Score the soldier NO-GO if any performance measure is failed. If the soldier fails any performance, show what was done wrong and how to do it correctly.

References

Required

AISM 25-L21-AHN-ZZZ-EM
Local SOP
TC 43-4

Related

AR 25-2
DA PAM 25-1-1
DA PAM 738-750

Manage Hand Receipt Functions
093-SFC-4105

Conditions: Perform task given local standing operating procedure (SOP), pencil and paper, AR 25-400-2, AR 735-5, DA Form 2062, DA Pam 25-30, DA Pam 25-380-2, DA Pam 710-2-1, TB 380-41, and commander's guidance. This task can be performed in a field or garrison environment.

Standards: Attained 100 percent accountability in accordance with DA Pam 710-2-1.

Performance Steps

1. Prepare for inventory. Review the hand receipt (HR) before beginning the inventory to see type of items to be inventoried. If unfamiliar with the type of equipment, select personnel to assist in the inventory. Check with the commander/supervisor for any special instructions before starting the inventory. Review DA Pam 25-30 to ensure the most current supply catalogs, component lists, technical manuals, and other related publications are used during the inventory. In the event the most current publications are not on hand, they will be placed on order. The inventory will be conducted with the references on hand, and a memorandum will be prepared stating the procedures used for the inventory, if applicable. Verify facilities and space are available to conduct the inventory. Notify sub-hand receipt holders of when and how the inventory will be conducted.
2. Conduct inventory. Check all items to make sure their national stock number (NSN), model, and their description on the HR match. Make a list of any differences. Visually check the condition of the property. Make a list of any damaged equipment. Report damaged equipment to unit maintenance personnel for repair. Ensure the on-hand quantity and quantity on the HR match. Make a list of any overages and shortages. Use the proper technical manual (TM) or supply catalog (SC) to identify components of end items. Make a list of any overages and shortages. Serial numbers on the HR should match those on the item. All open maintenance requests must be checked with the supporting maintenance facility. Report any discrepancies to the accountable officer.
3. Conduct post inventory procedures. Inform the commander of inventory results. Provide copy of all discrepancies discovered during the inventory to accountable officer. Make sure that component shortages are listed on HR shortage annexes. Request shortages not already on order. Turn in overages according to local procedures.
4. Issue sub-hand receipt for property to user. Appoint sub-hand receipt users. Prepare separate HR for installation and organizational property. Prepare DA Form 2062 or equivalent in two copies to issue sub-hand receipt for property. The person transferring the property keeps the original; the copy is provided to the person receiving the property.
5. File HR according to AR 25-400-2. File HR and sub-hand receipt according to AR 25-400-2, as applicable.
6. Maintain HR and files. Regularly inventory property in accordance with applicable standard (for example, monthly, quarterly). Keep all copies of HR and sub-hand receipts current. Upon receipt of the current publication, conduct an inventory to determine any overages or shortages. Overages will be turned in. Shortages will be accounted for in accordance with DA Pam 710-2-1 or AR 735-5, as appropriate. Shortage of controlled cryptographic items (CCI) or communications security (COMSEC) items also requires the initiation of an insecurity report per DA Pam 25-380-2 or TB 380-41. Submit requests for issue to replace any shortages.

Performance Measures

	<u>GO</u>	<u>NO GO</u>
1. Prepared for inventory. (DA Pam 710-2-1)	—	—
2. Conducted inventory.	—	—
3. Performed post-inventory procedures.	—	—
4. Issued sub-hand receipt for property to user.	—	—
5. Filed HR in accordance with AR 25-400-2.	—	—
6. Maintained HR and files.	—	—

Evaluation Guidance: Score the soldier GO if all performance measures are passed. Score the soldier NO-GO if any performance measure is failed. If the soldier fails any performance measure, show what was done wrong and how to do it correctly.

References

Required

- AR 25-400-2
- AR 735-5
- DA FORM 2062
- DA PAM 25-30
- DA PAM 25-380-2
- DA PAM 710-2-1
- Local SOP
- TB 380-41

Related

- AR 710-2
- DA FORM 2765-1
- DA FORM 3161

Manage Maintenance Shop Operations

093-SFC-4106

Conditions: Given local standing operating procedure (SOP), AR 710-2, DA Pam 710-2-2, DA Pam 738-750, FM 4-30.3, commander's guidance, and unit mission. This task can be performed in a field or garrison environment.

Standards: Accomplished all required maintenance tasks in accordance with procedures in required references.

Performance Steps

1. Review maintenance control procedures. Assign work to shop sections to keep all sections working at optimum capacity. Screen maintenance requests to determine appropriate level of maintenance. Screening may show that unit level maintenance has not been done or that evacuation of an item is needed. Keep abreast of the status and quantity of work in each section to prevent overload. Aggressively pursue repair parts that are not readily available.
2. Review production control procedures. Production methods in a maintenance unit include the on-site, bay shop, bench shop, and production line methods. Select the most efficient method of repairing based on available equipment, facilities, and time. Ensure work order status files are maintained.
3. Review quality control procedures. Accurate initial, in-process, and final inspections are vital in maintaining efficient shop operations and ensuring quality repairs. Initial inspection is used to determine tools, personnel, parts, cost, and so on, needed to accomplish repair. Shop supervisory personnel conduct in-process inspections to ensure work is being performed properly. Final inspections verify the adequacy of repairs and require a technical inspection of the item. Ensure production control procedures are current and valid.
4. Review work flow process. Work should be assigned to the appropriate section and repair person based on military occupational specialty (MOS), technical ability, certification and/or training. Observe work flow to ensure item is assigned to appropriate section and repair person.
5. Review job evacuation procedures. Evacuation of backlogged maintenance requests may allow equipment to be repaired and returned to the using unit in a timelier manner. Determine evacuation decision based on initial inspection, current or projected workload, availability of tools/personnel, and required level of repair.
6. Review maintenance management tools and techniques. The Standard Army Maintenance System (SAMS) is the primary tool used for maintenance management. Analysis of maintenance printouts will reveal trends/situations that require action. Examples of problems to watch out for include significant increases in shop input, excessive number of jobs awaiting parts, and low production. Review submission of daily man-hour accounting and/or status changes as appropriate.
7. Review operational readiness float (ORF) procedures. ORF is a quantity of selected items authorized for stockage at maintenance facilities to extend their capabilities to respond to the material readiness requirements of supported units. This is done by providing supported activities with serviceable replacements from ORF when like items of equipment cannot be repaired or modified in time to meet operational requirements. Ensure procedures are current and valid.

Performance Measures	<u>GO</u>	<u>NO GO</u>
1. Enforced maintenance control procedures. (FM 4-30.3, DA Pam 738-750, SOP)	—	—
2. Enforced production control procedures.	—	—
3. Enforced quality control procedures.	—	—
4. Controlled work flow process.	—	—
5. Enforced job evacuation procedures.	—	—
6. Reviewed maintenance management tools and techniques for the trends or situations that require action.	—	—
7. Enforced ORF procedures. (AR 710-2, DA Pam 710-2-2, FM 4-30.3, SOP)	—	—

Evaluation Guidance: Score the soldier GO if all performance measures are passed. Score the soldier NO-GO if any performance measure is failed. If the soldier fails any performance measure, show what was done wrong and how to do it correctly.

References

Required

AR 710-2
 DA PAM 710-2-2
 DA PAM 738-750
 FM 4-30.3
 Local SOP

Related

AISM 25-L21-AHN-ZZZ-EM
 AR 750-1
 DA PAM 710-2-1
 DA PAM 750-1
 TC 43-4

**Manage Logistics Support
093-SFC-4107**

Conditions: Given local standing operating procedure (SOP), AR 750-1, DA Pam 738-750, and FM 4-30.3. You also have access to the operations order (OPORD), Materiel Condition Status Report (MCSR), shop stock, bench stock, and the Standard Army Maintenance System (SAMS) reports. This task can be performed in a field or garrison environment.

Standards: Planned logistics support for maintenance operations that anticipates requirements for personnel, equipment, repair parts, and the effective use of these resources.

Performance Steps

1. Identify support requirements. Review appropriate documents to identify requirements. These may include local SOPs, OPORDs, and others. Determine information, such as type and number of supported units and type and number of supported equipment. If available, also review battle damage assessment and review (BDAR) and MCSR.
2. Identify available resources. Identify the resources on hand and the resources already committed after support requirements have been determined. Assets to consider include personnel; parts; tools; test, measurement, and diagnostic equipment (TMDE); publications; and transport capabilities. Other assets to consider include operational readiness float (ORF), facilities, location of maintenance support teams (MSTs), unit maintenance collection points (UMCPs), maintenance collection points (MCPs), and recovery/evacuation capabilities.
3. Identify other considerations. Other intangibles must be considered when managing support. Other considerations include: command priorities, environmental impact, maintenance workload, exchange/cannibalization policy, weather/terrain conditions, security, safety, certifications/training, tactical situation, and operational tempo (OPTEMPO).
4. Allocate resources. Allocate and organize resources to provide needed support after considering all requirements, resources, and other considerations.

Performance Measures	<u>GO</u>	<u>NO GO</u>
1. Identified support requirements. (AR 750-1, DA Pam 738-750, FM 4-30.3, SOP)	—	—
2. Identified available resources. (FM 4-30.3, SOP)	—	—
3. Identified other considerations.	—	—
4. Allocated resources.	—	—

Evaluation Guidance: Score the soldier GO if all performance measures are passed. Score the soldier NO-GO if any performance measure is failed. If the soldier fails any performance measure, show what was done wrong and how to do it correctly.

References

Required AR 750-1 DA PAM 738-750 FM 4-30.3 Local SOP	Related FM 4-0 TB 385-4 TC 43-4
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**Manage Shop Personnel Actions
093-SFC-4108**

Conditions: Given pencil or pen, paper, local standing operating procedure (SOP), AR 600-8-10, AR 600-8-19, AR 600-8-22, AR 623-205, AR 635-200, and FM 22-100. This task can be performed in a field or garrison environment.

Standards: Managed administrative and personnel actions impacting on shop personnel in accordance with applicable references.

Performance Steps

1. Review recommendation for advancement/promotion to determine eligibility.
2. Review request for leave/pass to maintain proper manning level.
3. Review an award recommendation for errors.
4. Review entries on personnel evaluations for errors.
5. Review entries on counseling forms for errors.
6. Identify requirements for administrative separations.

Performance Measures	<u>GO</u>	<u>NO GO</u>
1. Reviewed recommendation for advancement/promotion to determine eligibility. (AR 600-8-19)	—	—
2. Reviewed request for leave/pass to maintain proper manning level. (AR 600-8-10)	—	—
3. Reviewed an award recommendation for errors. (AR 600-8-22)	—	—
4. Reviewed entries on personnel evaluations for errors. (AR 623-205)	—	—
5. Reviewed entries on counseling forms for errors. (FM 22-100)	—	—
6. Identified requirements for administrative separations. (AR 635-200)	—	—

Evaluation Guidance: Score the soldier GO if all performance measures are passed. Score the soldier NO-GO if any performance measure is failed. If the soldier fails any performance measure, show what was done wrong and how to do it correctly.

References

Required

- AR 600-8-10
- AR 600-8-19
- AR 600-8-22
- AR 623-205
- AR 635-200
- FM 22-100
- Local SOP

Related

- AR 220-45
- AR 25-50
- DA FORM 638

**Review SAMS-2 Reports
093-SFC-4109**

Conditions: Given commander's intent, local standing operating procedure (SOP), Standard Army Maintenance System Level 2 (SAMS-2) end user manual, SAMS-2 reports, Automated Information System Manual (AISM) 25-L26-AHO-222-EM, and TC 43-4. This task can be performed in a field or garrison environment.

Standards: Determined if maintenance performance was within unit's acceptable range of performance.
NOTE: Unit's acceptable range of performance can be found in the unit SOP and/or commander's intent.

Performance Measures	<u>GO</u>	<u>NO GO</u>
1. Identified reportable and maintenance significant items. (AISM 25-L26-AHO-ZZZ-EM, TC 43-4, SOP)	—	—
2. Identified work orders that were more than 30 days old.	—	—
3. Identified maintenance turnaround time in days by unit/activity.	—	—
4. Identified operational readiness float (ORF) monthly usage and accumulation.	—	—

Evaluation Guidance: Score the soldier GO if all performance measures are passed. Score the soldier NO-GO if any performance measure is failed. If the soldier fails any performance measure, show what was done wrong and how to do it correctly.

References

Required

AISM 25-L26-AHO-ZZZ-EM
Local SOP
TC 43-4

Related

AISM 25-L21-AHN-ZZZ-EM

Conduct Site Reconnaissance
093-SFC-4110

Conditions: Given pencil or pen, paper, lensatic compass, protractor, local standing operating procedure (SOP), FM 4-30.3, operations order/operations plan (OPORD/OPLAN), maps of the surrounding area, stakes or other marking material, and a vehicle. This task can be performed in a field environment.

Standards: Selected a satisfactory site and marked it in accordance with FM 4-30.3, local SOP, and applicable references.

Performance Steps

1. Review site reconnaissance requirements. (FM 4-30.3, SOP)
 - a. Specific requirements for the site are contained in the mission OPORD/OPLAN. Ensure you take note of personnel, equipment, and logistic requirements when preparing for site selection.
 - b. Review local SOP for unit-specific requirements for the site.
2. Select potential sites by map reconnaissance. Consider the following areas as a minimum:
 - a. Observation and fields of fire.
 - b. Concealment and cover.
 - c. Obstacles.
 - d. Key terrain.
 - e. Avenues of approach.
3. Evaluate potential sites by physical reconnaissance. Evaluation of potential sites must include at a minimum:
 - a. Accessibility. Can the site be reached regardless of the weather or time of year? What must travel the roads/paths? What is the condition of these roads/paths?
 - b. Terrain. Is the site relatively flat and well drained?
 - c. Camouflage/concealment. Does the potential site provide adequate camouflage and concealment?
 - d. Survivability. Can the potential site be adequately defended in case of attack?
 - e. Technical suitability. Is the site location within the range, capabilities, and limitations of the equipment to be deployed?
4. Review marking requirements. Once the best site is selected, the site will be marked for location of equipment and control points. Mark the site in accordance with local SOP and availability of materials.

Performance Measures

	<u>GO</u>	<u>NO GO</u>
1. Determined specific site requirements. (FM 4-30.3, SOP, OPORD/OPLAN)	—	—
a. Personnel.		
b. Equipment.		
c. Logistics.		
2. Selected potential sites by using map reconnaissance.	—	—
a. Identified potential sites.		
b. Identified routes to potential sites.		
c. Listed best possible candidate sites/routes.		
3. Evaluated site and route suitability by using physical reconnaissance.	—	—
a. Accessibility.		
b. Terrain.		
c. Camouflage/concealment.		
d. Technical suitability.		

NOTE: Drive or ride to selected site.

Performance Measures**GO** **NO GO**

4. Staked or marked locations for equipment that pertained to the unit.
- a. Tents.
 - b. Vehicles.
 - c. Generators.
 - d. Fuel point.
 - e. Fire points.
 - f. Other points.

_____ _____

Evaluation Guidance: Score the soldier GO if all performance measures are passed. Score the soldier NO-GO if any performance measure is failed. If the soldier fails any performance measure, show what was done wrong and how to do it correctly.

References

Required
 FM 4-30.3
 Local SOP

Related

**Coordinate Activities Between Production Control and Supply Support Activity
093-SFC-4111**

Conditions: Given AR 710-2, DA Pam 710-2-1, DA Pam 710-2-2, and FM 4-30.3. This task can be performed in a field or garrison environment.

Standards: Accounted for repair parts in accordance with references listed above.

Performance Measures	<u>GO</u>	<u>NO GO</u>
1. Reconciled the movement of parts between production control and the supply support activity in accordance with references listed in the Condition statement.	—	—
2. Reconciled the movement of repairable exchange (RX) items between production control and RX.	—	—
3. Reconciled reports from production control and shop supply.	—	—

Evaluation Guidance: Score the soldier GO if all performance measures are passed. Score the soldier NO-GO if any performance measure is failed. If the soldier fails any performance measure, show what was done wrong and how to do it correctly.

References

Required

- AR 710-2
- DA PAM 710-2-1
- DA PAM 710-2-2
- FM 4-30.3

Related

**Manage Shop Supply Operations
093-SFC-4112**

Conditions: Given AR 710-2, DA Pam 710-2-1, DA Pam 710-2-2, FM 4-30.3, DA Form 2064, and DA Form 3318. This task can be performed in a field or garrison environment.

Standards: Maintained shop supply in accordance with AR 710-2 and DA Pam 710-2-2.

Performance Measures	<u>GO</u>	<u>NO GO</u>
1. Monitored shop stock operations. (AR 710-2, DA Pam 710-2-1, FM 4-30.3)	—	—
2. Checked the shop stock for the following:	—	—
a. List of items stocked.		
b. Reorder point (ROP).		
c. Location.		
3. Checked the demand supported shop stock records for the number of records within the control period and other considerations.	—	—
4. Ensured that the demands on the DA Form 3318 and those listed on the DA Form 2064 matched.	—	—
5. Compared the physical location with the location listed on the DA Form 3318.	—	—

Evaluation Guidance: Score the soldier GO if all performance measures are passed. Score the soldier NO-GO if any performance measure is failed. If the soldier fails any performance measure, show what was done wrong and how to do it correctly.

References

Required

- AR 710-2
- DA FORM 2064
- DA FORM 3318
- DA PAM 710-2-1
- DA PAM 710-2-2
- FM 4-30.3

Related

- DA PAM 738-750

Provide Liaison to Supported Units
093-SFC-4113

Conditions: Given AR 750-1, DA Pam 738-750, FM 4-30.3, and direct support (DS) maintenance standing operating procedure (SOP). This task can be performed in a field or garrison environment.

Standards: Provided liaison support in accordance with FM 4-30.3 and SOP.

Performance Measures	<u>GO</u>	<u>NO GO</u>
1. Issued external SOP to supported unit. (FM 4-30.3, SOP, AR 750-1, DA Pam 738-750, SOP)	—	—
2. Coordinated on-site maintenance training.	—	—
3. Identified and coordinated required support maintenance.	—	—
a. Scheduled.		
b. Unscheduled.		
c. Special (Command Inspection Program (CIP), gunnery, training centers, and so forth).		
4. Provided supported unit updated status of open work requests.	—	—

Evaluation Guidance: Score the soldier GO if all performance measures are passed. Score the soldier NO-GO if any performance measure is failed. If the soldier fails any performance measure, show what was done wrong and how to do it correctly.

References

Required
AR 750-1
DA PAM 738-750
FM 4-30.3
Local SOP

Related

Manage Operational Readiness Float (ORF) Transactions
093-SFC-4114

Conditions: Given AR 710-2, AR 750-1, DA Pam 710-2-2, local standing operating procedure (SOP), maintenance records, operational readiness float (ORF) equipment, and applicable technical manuals. This task can be performed in a field or garrison environment.

Standards: Maintained and issued ORF equipment in accordance with required references.

Performance Measures	<u>GO</u>	<u>NO GO</u>
1. Maintained ORF equipment. (AR 750-1, AR 710-2)	—	—
a. Ensured that ORF assets were maintained at 10/20 maintenance standard.		
b. Directed the repair of unserviceable ORF assets.		
c. Used highest appropriate priority designator for items being repaired for return to ORF stock.		
d. Ensured that appropriate service and maintenance forms were completed.		
2. Coordinated transactions of ORF equipment. (AR 710-2, DA Pam 710-2-2, SOP)	—	—
a. Accounted for ORF assets per AR 710-2 and DA Pam 710-2-2.		
b. Issued assets when priority designator and estimated repair time met established criteria.		
c. Ensured ORF items were exchanged on a one-for-one basis.		
d. Coordinated with supported unit, as required.		
e. Ensured that all supply and maintenance forms were completed.		

Evaluation Guidance: Score the soldier GO if all performance measures are passed. Score the soldier NO-GO if any performance measure is failed. If the soldier fails any performance measure, show what was done wrong and how to do it correctly.

References

Required

- AR 710-2
- AR 750-1
- DA PAM 710-2-2
- Local SOP

Related

- AR 710-1
- DA FORM 2404
- DA FORM 2407
- DA PAM 710-2-1
- DA PAM 738-750
- DA PAM 750-1
- FM 4-30.3

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APPENDIX A**HANDS-ON EVALUATION (DA FORM 5164-R)
INSTRUCTIONS**

DA Form 5164-R (Hands-On Evaluation) allows the trainer to keep a record of the performance measures a soldier passes or fails on each task.

Before evaluation:

1. Obtain a blank copy of DA Form 5164-R, which you may locally reproduce on 8 ½ x 11 paper.
2. Enter the task title and 10-digit number from the STP task summary.
3. In Column a, enter the performance measure numbers from the task summary.
4. In Column b, enter the performance measure corresponding to the number in Column a (you may abbreviate this information, if necessary).
5. Locally reproduce the partially completed form when evaluating more than one soldier on the task or when evaluating the same soldier more than once.

During evaluation:

1. Enter the date just before evaluating the soldier's task performance.
2. Enter the evaluator's name, the soldier's name, and the unit.
3. For each performance measure in Column b, enter a check in Column c (PASS) or Column d (FAIL), as appropriate.
4. Compare the number of performance measures the soldier passes (and, if applicable, which ones) against the task standards specified in the task summary. If the standards are met or exceeded, check the GO block under STATUS; otherwise, check the NO-GO block.

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APPENDIX B**FIELD EXPEDIENT SQUAD BOOK (DA FORM 5165-R)
INSTRUCTIONS**

DA Form 5165-R (Field Expedient Squad Book) allows the trainer to keep a record of task proficiency for a group of soldiers.

Before evaluation:

1. Obtain a blank copy of DA Form 5165-R, which you may locally reproduce on 8 ½ x 11 paper.
2. Locally reproduce the partially completed form if you are evaluating more than nine soldiers.

During evaluation:

1. Enter the names of the soldiers you are evaluating, one name per column, at the top of the form.
2. Under STATUS, record (in pencil) the date in the GO block if the soldier demonstrated task proficiency to soldier's manual standards. Keep this information current by always recording the most recent date on which the soldier demonstrated task proficiency. Record the date in the NO-GO block if the soldier failed to demonstrate task proficiency to soldier's manual standards. Soldiers who failed to perform the task should be retrained and reevaluated until they can meet the standards. When the standards are met, enter the date in the appropriate GO block and erase the previous entry from the NO-GO block.

After evaluation:

1. Read down each column (GO/NO-GO) to determine the training status of an individual. This will give you a quick indication of which tasks a soldier needs training on.
2. Read across the rows for each task to determine the training status of all soldiers. You can readily see which tasks to focus training on.
3. Line through the STATUS column of any soldier who leaves the unit.

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GLOSSARY**Section I**
Acronyms & Abbreviations

ACCP	Army Correspondence Course Program
ACE	Avenger Control Electronics
AIPD	Army Institute for Professional Development
AIMS	automated information systems manual
AIT	advanced individual training
AMCOM	Aviation and Missile Command
AN	annually
ANCOC	advanced noncommissioned officer course
AR	Army regulation
ARTEP	Army Training and Evaluation Program
ATTN	attention
BA	biannually
BDAR	battle damage assessment and repair
BNCOC	basic noncommissioned officer course
BW	biweekly
CBU	calibrate before use
CCI	controlled cryptographic item
CIP	command inspection program
CNR	calibration not required
COMSEC	communications security
CTS	contact test set
CTT	common task test
DA	Department of the Army
D.C.	District of Columbia

DD	Department of Defense
DS	direct support
ECU	environmental control unit
EIR	equipment improvement recommendation
ELSEC	electronic security
FAADS	forward area air defense system
FEDLOG	Federal Logistics
FLIR	forward looking infrared
FM	field manual
HQ	headquarters
HR	hand receipt
IFF	Identify Friend or Foe
IMPL	initial mandatory parts list
INFOSEC	Information System Security
LED	light emitting diode
MCP	maintenance collection point
MCSR	materiel condition status report
MDS	mission, design, and series
MED	medical
METL	mission essential task list
MEVA	mission essential or vulnerable area
MO	monthly
MOS	military occupational specialty
MOSC	military occupational specialty code
MSC	major subordinate command
MST	maintenance support team
MTP	mission training plan
MWO	modification work order

NA	not applicable
NBC	nuclear, biological, and chemical
NCO	noncommissioned officer
NMC	non-mission capable
NMP	national maintenance point
No.	number
NSN	national stock number
OPLAN	operations plan
OPORD	operations order
OPSEC	operations security
OPTEMPO	operational tempo
ORF	operational readiness float
PAM	pamphlet
PLL	prescribed load list
PMCS	preventive maintenance checks and services
PPU	primary power unit
QA/QC	quality assurance/quality control
QDR	Quality Deficiency Report
QT	quarterly
RADIAC	radiation detection, indication, and computation
RDL	Reimer Digital Library
ROP	reorder point
RX	reparable exchange
SA	semiannually
SAMS	Standard Army Maintenance System
SAMS-1	Standard Army Maintenance System-Level 1
SAMS-2	Standard Army Maintenance System-Level 2
SC	supply catalog

SF	standard form
SFDLR	stock funding of depot level repairables
SIGSEC	signal security
SL	skill level
SLAC	Support List Allowance Card
SM	soldier's manual
SMCT	soldier's manual of common tasks
SOF	safety of flight
SOP	standing operating procedure
SPORT	soldier's portable on-system repair tool
SSA	supply support activity
STC	Slew-to-cue
STP	soldier training publication
SVML	standard vehicle-mounted launcher
TB	technical bulletin
TC	training circular
TG	trainer's guide
TI	training instructor
TM	technical manual
TMDE	test, measurement, and diagnostic equipment
TRADOC	Training and Doctrine Command
UMCP	unit maintenance collection point
UND	urgency of need designator
UNIT	Trained in the unit
US	United States
VA	Virginia
WK	weekly

Section II

Terms

advanced individual training

Training given to enlisted personnel upon completion of basic training that will qualify them for award of a military occupational specialty (MOS).

advanced noncommissioned officer course

A course for soldiers in the grade E6 (staff sergeant), ANCOG provides training in the duties and responsibilities of grade E7 (sergeant first class) noncommissioned officers, as well as other duties for positions of increasing responsibility.

Army Training and Evaluation Program

The cornerstone of unit training. It is the umbrella program used by the trainer and training manager in the training evaluation of units. The ARTEP is a complete program that enables commanders to evaluate and develop collective training based on unit weaknesses, then train the unit to overcome those weaknesses and reevaluate. Success on the battlefield depends on the coordinated performance of collective and individual skills that are taught through the ARTEP mission training plan (MTP).

basic noncommissioned officer course

Training designed for soldiers in grade E5 to learn the duties of grade E6. Soldiers receive specialized training in their MOS and in related subjects that prepare them to perform duties in a supervisory capacity.

common task test (CTT)

A formal hands-on test administered by the unit that measures a soldier's proficiency on common critical tasks from the soldiers manual of common tasks.

forward-looking infrared

An airborne, electro-optical thermal imaging device that detects far-infrared energy, converts the energy into an electronic signal, and provides a visible image for day or night viewing. Also called FLIR. (JP 3-09.3)

GO/NO-GO

This is a pass/fail evaluation whereby the soldier (student) cannot be partially correct. Either he meets the standard or he does not meet the standard.

Mission essential task list (METL)

A compilation of collective mission essential tasks that must be successfully performed if an organization is to accomplish its wartime missions.

SAMS-1

Software package designed to manage maintenance operations, including work order registration, repair parts, stockage and requisition, manpower utilization, and readiness reporting.

Skill level

Identifies task proficiency, or ability typically required for successful performance at the grade with which the skill level is associated. The skill levels by grade are shown as follows: Skill levels => 1 2 3 4 5; Enlisted - E 1/2, 3/4, 5, 6, 7, 8/9; Warrant - W 1/2, 3, 4, 5; Officers - O 1/2, 3, 4, 5, 6.

Soldier Manual of Common Tasks (SMCT)

A publication listing the critical tasks for each skill level of an MOS. It provides the performance steps (measures), the condition under which the tasks are performed, the standards that must be met, and an instrument for evaluating task performance.

Task

A clearly defined and measurable activity accomplished by individuals and organizations. It is the lowest behavioral level in a job or unit that is performed for its own sake. It must be specific; usually has a definite beginning and ending; may support or be supported by other tasks; has only one action and, therefore, is described using only one verb; generally is performed in a relatively short time (however, there may be no time limit or there may be a specific time limit); and it must be observable and measurable. The task title must contain an action verb and object and may contain a qualifier.

Trainer's guide

A publication that covers the information needed by your commander, training manager, and trainer to plan, conduct, and evaluate training in your MOS. There is a trainer's guide for each MOS.

REFERENCES

Required Publications

Required publications are sources that users must read in order to understand or to comply with this publication.

Army Regulations

AR 25-2	Information Assurance 14 November 2003
AR 25-400-2	The Army Records Information Management System (ARIMS) 15 November 2004
AR 40-5	Preventive Medicine 15 October 1990
AR 95-1	Flight Regulations 1 September 1997
AR 190-13	The Army Physical Security Program 30 September 1993
AR 190-51	Security of Unclassified Army Property (Sensitive and Nonsensitive) 30 September 1993
AR 220-1	Unit Status Reporting 10 June 2003
AR 380-40	(O) Policy for Safeguarding and Controlling Communications Security (COMSEC) Material (U) 30 June 2000
AR 380-5	Department of the Army Information Security Program 29 September 2000
AR 385-10	The Army Safety Program 29 February 2000
AR 530-1	Operations Security (OPSEC) 3 March 1995
AR 600-8-10	Leaves and Passes 31 July 2003
AR 600-8-19	Enlisted Promotions and Reductions 1 January 2005
AR 600-8-22	Military Awards 25 February 1995
AR 623-205	Noncommissioned Officer Evaluation Reporting System 15 May 2002
AR 635-200	Active Duty Enlisted Administrative Separations 15 July 2004
AR 672-20	Incentive Awards 29 January 1999
AR 700-138	Army Logistics Readiness and Sustainability 26 February 2004
AR 710-2	Inventory Management Supply Policy Below the National Level 25 February 2004
AR 725-50	Requisition, Receipt, and Issue System 15 November 1995
AR 735-5	Policies and Procedures for Property Accountability 10 June 2002
AR 750-1	Army Materiel Maintenance Policy 18 August 2003

Department of Army Forms

DA FORM 2028	Recommended Changes to Publications and Blank Forms
DA FORM 2062	Hand Receipt/Annex Number
DA FORM 2063-R	Prescribed Load List
DA FORM 2064	Document Register for Supply Actions
DA FORM 2402	Exchange Tag
DA FORM 2404	Equipment Inspection and Maintenance Worksheet
DA FORM 2405	Maintenance Request Register
DA FORM 2406	Materiel Condition Status Report
DA FORM 2407	Maintenance Request
DA FORM 2407-1	Maintenance Request Continuation Sheet
DA FORM 2408-12	Army Aviator's Flight Record
DA FORM 2408-13	Aircraft Status Information Record

DA FORM 2408-13-1	Aircraft Maintenance and Inspection Record
DA FORM 2408-14	Uncorrected Fault Record
DA FORM 2410	Component Removal and Repair/Overhaul Record
DA FORM 3266-1	Army Missile Materiel Readiness Report
DA FORM 3266-2	Missile Materiel Condition Status Report Worksheet
DA FORM 3318	Records of Demands-Title Insert
DA FORM 3758-R	Calibration and Repair Requirements Worksheet
DA FORM 5164-R	Hands-On Evaluation
DA FORM 5165-R	Field Expedient Squad Book
DA FORM 5986-E	Preventive Maintenance Schedule and Record
DA FORM 5988-E	Equipment Inspection Maintenance Worksheet
DA FORM 5990-E	Maintenance Request

Department of Army Pamphlets

DA PAM 25-30	Consolidated Index of Army Publications and Blank Forms 1 January 2005
DA PAM 25-380-2	Security Procedures for Controlled Cryptographic Items 10 January 1991
DA PAM 40-501	Hearing Conservation Program 10 December 1998
DA PAM 190-51	Risk Analysis for Army Property 30 September 1993
DA PAM 385-1	Small Unit Safety Officer/NCO Guide 29 November 2001
DA PAM 600-67	Effective Writing for Army Leaders 2 June 1986
DA PAM 611-21	Military Occupational Classification and Structure 31 March 1999
DA PAM 710-2-1	Using Unit Supply System (Manual Procedures) 31 December 1997
DA PAM 710-2-2	Supply Support Activity Supply System: Manual Procedures 30 September 1998
DA PAM 738-750	Functional Users Manual for The Army Maintenance Management System (TAMMS) 1 August 1994
DA PAM 738-751	Functional Users Manual for the Army Maintenance Management System-Aviation (TAMMS-A) 15 March 1999

Field Manuals

FM 3-19.30	Physical Security 8 January 2001
FM 4-30.3	Maintenance Operations and Procedures 28 July 2004
FM 5-0	Army Planning and Orders Production 20 January 2005
FM 7-0	Training The Force 22 October 2002
FM 7-1	Battle Focused Training 15 September 2003
FM 9-43-2	Recovery and Battlefield Damage Assessment and Repair FMFRP 4-34; TO 36-1-181 3 October 1995
FM 22-100	Army Leadership 31 August 1999
FM 24-16	Communications-Electronics Operations, Orders, Records, and Reports 7 April 1978
FM 25-4	How to Conduct Training Exercises 10 September 1984
FM 25-5	Training for Mobilization and War 25 January 1985

Other Product Types

AISM 25-L21-AHN-ZZZ-EM	Standard Army Maintenance System Level 1(SAMS-1) End User Manual 1 June 1997
AISM 25-L26-AHO-ZZZ-EM	Standard Army Maintenance System Level 2 (SAMS-2) 1 June 1997
DA LABEL 80	US Army Calibrated Instrument
DD FORM 314	Preventive Maintenance Schedule and Record
DD FORM 1574	Serviceable Tag - Materiel
DD FORM 1574-1	Serviceable Label - Materiel
DD FORM 1575	Suspended Tag - Materiel
DD FORM 1575-1	Suspended Label - Materiel
DD FORM 1576	Test/Modification Tag - Materiel
DD FORM 1576-1	Test/Modification Label - Materiel
DD FORM 1577	Unserviceable (Condemned) Tag - Materiel
DD FORM 1577-1	Unserviceable (Condemned) Label - Materiel
DD FORM 1577-2	Unserviceable (Reparable) Tag - Materiel
DD FORM 1577-3	Unserviceable (Reparable) Label - Materiel
DD FORM 2332	Product Quality Deficiency Report Exhibit
FEDLOG	S&I Cdr, USAMC Logistics Support (Issued Monthly)
LOCAL SOP	Local SOP
SF FORM 368	Product Quality Deficiency Report (NSN 7540-00-133-5541)

Soldier Training Publications

STP 21-1-SMCT	Soldier's Manual of Common Tasks Skill Level 1 31 August 2003
STP 21-24-SMCT	Soldier's Manual of Common Tasks (SMCT) Skill Levels 2-4 31 August 2003

Technical Bulletins

TB 43-0001-SERIES	Equipment Improvement Report and Maintenance Digest for Tank, Automotive, Armament and Chemical Equipment 1 October 2000
TB 43-180	Calibration and Repair Requirements for the Maintenance of Army Materiel 15 January 2005
TB 380-41	Security: Procedures for Safeguarding, Accounting, and Supply Control of COMSEC Material 3 July 2003
TB 385-3	Fire Prevention and Protection: Military Gasoline Cans 7 June 1968
TB 385-4	Safety Requirements for Maintenance of Electrical and Electronic Equipment 1 August 1992
TB 750-25	Maintenance of Supplies and Equipment: Army Test, Measurement and Diagnostic Equipment (TMDE) Calibration and Repair Support (C&RS) Program 1 March 1997
TB MED 523	Control of Hazards to Health From Microwave and Radio Frequency Radiation and Ultrasound 15 July 1980

Technical Manuals

TM 9-1425-433-10	Operator's Manual for Guided Missile Battery Control Central, Vehicle Mounted: AN/TWQ-1 Avenger Air Defense Weapon System (NSN 1430- 01-378-6963) (EIC: NWC) (1430-01-409-1965) (EIC: NWB) TM 09871A- 10/2 10 June 1997
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STP 9-35T14-SM-TG

TM 9-1440-433-24-1 Organizational Direct Support and General Support Maintenance Manual for on-Equipment Maintenance Guided Missile Battery Control Central, Vehicle Mounted: AN/TWQ-1 (Avenger Air Defense Guided Missile System) (NSN 1430-01-378-6963) (EIC: NWC 31 March 1992

TM 9-1440-433-24-2 Organizational Direct Support and General Support Maintenance Manual for on-Equipment Maintenance Guided Missile Battery Control Central, Vehicle Mounted: AN/TWQ-1 (Avenger Air Defense System) (NSN 1430-01-378-6963) TM 09871A-24/5-2 31 March 1992

TM 9-1440-433-24P Organizational, Direct Support and General Support Maintenance Repair Parts and Special Tools List (Including Depot Maintenance Repair Parts and Special Tools) for Guided Missile Battery Control Central, Vehicle Mounted: AN/TWQ-1 29 March 2000

TM 9-1450-1431-14&P Operation and Maintenance Instructions With Illustrated Parts Breakdown Field Level for Guided Missile Coolant Recharge Unit, GCU-31A/E PN 9138019 1 June 1993

TM 9-5855-885-24 Organizational, Direct Support and General Support Maintenance for Boresight, Collimator, Boresight SU-93/TAS (NSN 5855-01-029-8730) and Collimator, Boresight SU-93A/TAS (5855-01-109-6433) (5855-01-248-5724) 16 February 1995

TM 9-6625-2300-12&P Operators and Organizational Maintenance Manual Including Repair Parts and Special Tools List for Electronic System Test Set AN/PSM-80 (V3) (NSN 6625-01-352-7234) 30 April 2001

TM 9-6625-2301-12&P Operator and Organizational Maintenance Manual for Test Set, Electronic Systems, AN/PSM-95 (NSN 6625-01-445-0085, Part No.13580703), and Test Set, Electronic Systems AN/PSM-95B (6625-01-493-8984, Part No. 13580881) 7 September 2004

TM 38-L09-11 Functional Users Manual for Maintenance Reporting and Management (MRM) (S&I CDR, USALOGC, ATTN: ATCL-SP, FT LEE, VA 23801-6000) 4 February 1985

Training Circulars

TC 43-4 Commander's and Shop Officer's Guide for Support Maintenance Management 8 May 1996

Related Publications

Related publications are sources of additional information. They are not required in order to understand this publication.

Army Regulations

AR 5-12 Army Management of the Electromagnetic Spectrum 1 October 1997

AR 25-2 Information Assurance 14 November 2003

AR 25-50 Preparing and Managing Correspondence 3 June 2002

AR 200-1 Environmental Protection and Enhancement 21 February 1997

AR 220-45 Duty Rosters 15 November 1975

AR 380-15 Safeguarding Classified NATO Information (U) (S&I, ASNS-OPB, RM 1B889, PENTAGON, WASH DC 20310) 15 July 1984

AR 380-40 (O) Policy for Safeguarding and Controlling Communications Security (COMSEC) Material (U) 30 June 2000

AR 385-40 Accident Reporting and Records 1 November 1994

AR 702-7 Product Quality Deficiency Report Program [DLAR 4155.24; SECNAVINST 4855.5A; AFR 74.6] 20 July 1993

References-4

10 March 2005

AR 702-7-1	Reporting of Product Quality Deficiencies Within the US Army 17 November 2004
AR 710-1	Centralized Inventory Management of the Army Supply System 15 April 2003
AR 710-2	Inventory Management Supply Policy Below the National Level 25 February 2004
AR 750-1	Army Materiel Maintenance Policy 18 August 2003

Department of Army Forms

DA FORM 638	Recommendation for Award
DA FORM 2765-1	Request for Issue or Turn-in
DA FORM 3161	Request for Issue or Turn-In

Department of Army Pamphlets

DA PAM 25-1-1	Installation Information Services 27 August 1991
DA PAM 25-380-2	Security Procedures for Controlled Cryptographic Items 10 January 1991
DA PAM 190-51	Risk Analysis for Army Property 30 September 1993
DA PAM 200-1	Handbook for Environmental Impact Analysis (GPO SN: 0820-00551-7) 17 January 2002
DA PAM 710-2-1	Using Unit Supply System (Manual Procedures) 31 December 1997
DA PAM 738-750	Functional Users Manual for The Army Maintenance Management System (TAMMS) 1 August 1994
DA PAM 738-751	Functional Users Manual for the Army Maintenance Management System-Aviation (TAMMS-A) 15 March 1999
DA PAM 750-1	Leader's Unit Level Maintenance Handbook 3 October 2003

Field Manuals

FM 3-04.500	Army Aviation Maintenance 26 September 2000
FM 3-25.26	Map Reading and Land Navigation 18 January 2005
FM 4-0	Combat Service Support 29 August 2003
FM 4-30.3	Maintenance Operations and Procedures 28 July 2004
FM 24-33	Communications Techniques: Electronic Counter-Countermeasures 17 July 1990
FM 34-60	Counterintelligence 3 October 1995

Other Product Types

AISM 25-L21-AHN-ZZZ-EM	Standard Army Maintenance System Level 1(SAMS-1) End User Manual 1 June 1997
SF FORM 700	Security Container Information
SF FORM 702	Security Container Check Sheet

Technical Bulletins

- TB 43-0129 Safety Requirements for Use of Antenna and Mast Equipment
15 June 1986
- TB 380-41 Security: Procedures for Safeguarding, Accounting, and Supply Control
of COMSEC Material 3 July 2003
- TB 385-4 Safety Requirements for Maintenance of Electrical and Electronic
Equipment 1 August 1992

Technical Manuals

- TM 9-1440-433-24-1 Organizational Direct Support and General Support Maintenance Manual
for on-Equipment Maintenance Guided Missile Battery Control Central,
Vehicle Mounted: AN/TWQ-1 (Avenger Air Defense Guided Missile
System) (NSN 1430-01-378-6963) (EIC: NWC 31 March 1992
- TM 9-1440-433-24-2 Organizational Direct Support and General Support Maintenance Manual
for on-Equipment Maintenance Guided Missile Battery Control Central,
Vehicle Mounted: AN/TWQ-1 (Avenger Air Defense System) (NSN 1430-
01-378-6963) TM 09871A-24/5-2 31 March 1992
- TM 9-6625-2300-12&P Operators and Organizational Maintenance Manual Including Repair
Parts and Special Tools List for Electronic System Test Set AN/PSM-80
(V3) (NSN 6625-01-352-7234) 30 April 2001
- TM 38-L09-11 Functional Users Manual for Maintenance Reporting and Management
(MRM) (S&I CDR, USALOGC, ATTN: ATCL-SP, FT LEE, VA 23801-
6000) 4 February 1985
- TM 750-245-4 Direct Support and General Support for Quality Control Inspector's
Inspection Criteria 25 January 1971

Training Circulars

- TC 3-34.489 The Soldier and the Environment 8 May 2001
- TC 43-4 Commander's and Shop Officer's Guide for Support Maintenance
Management 8 May 1996

STP 9-35T14-SM-TG
10 March 2005

By Order of the Secretary of the Army:

PETER J. SCHOOMAKER
General, United States Army
Chief of Staff

Official:



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